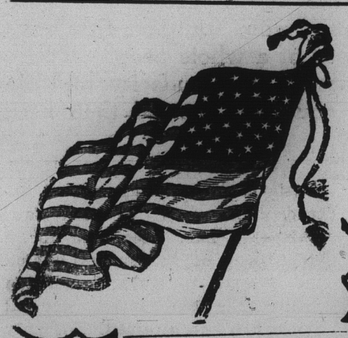
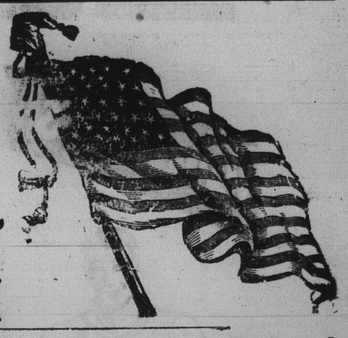
JULY 4th EDITION

The Nevada City NUGGET

Vol. 10. No. 67. | The County Seat Paper | NEVADA CITY, CALIFORNIA | The GOLD Center | FRIDAY, JULY 3, 1936.



"We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain inalienable rights, that among these are life, liberty and the pursuit of happiness. That to secure these rights governments are instituted among men, deriving their powers from the consent of the governed, that whenever any form of government becomes destructive of these ends, it is the right of the people to alter or abolish it, and to institute a new government, laying its foundations on such principles and organizing its powers in such form as to them shall seem most likely to effect their safety and happiness."



Parade Is Coming! Listen To The Band!

The joint celebration of Nevada City and Grass Valley in this city which opens today is featured with much more than the usual spectacles, parades, sports, dancing, and musical events. Both cities have done their best to make this observance of the Fourth long to be remembered by both spectators and participants. The list of those who have contributed their time, energy and money toward making this affair a great success is long, too long to cite here. The leadership in all plans devolves upon Councilman Charles W. Leiter, named general chairman by the citizens in mass meeting. He has been ably and conscientiously seconded in Grass Valley by Bert Chegwidden.

The program for the three days appears in the middle of this page.

The great feature, of course, of any celebration is the parade and Elza Kilroy, who had to act during the absence of Sheriff Carl Tobiassen, in organizing the parade, reports the floats which have been entered from the various cities and communities.

The parade will start at 10 o'clock on the morning of July Fourth, commencing at the Methodist church, march down Broad street, to the Plaza, out Main into Commercial, cut over into Pine and back on Broad. The program has been changed this year, as the parade will march over the loop twice instead of once as in past years. This will give everyone a good chance to see all the floats, different interesting objects, and characters.

The following is the list:

Welcome Folks — Cooperation, Nevada City-Grass Valley. Messrs. Elza J. Kilroy and Bert Chegwidden.

DIVISION I

Grand Marshall—R. L. P. (Dick) Bigelow.

Flag Bearers.

Veterans of all wars, Auxiliary, etc.

Orator of Day, Henry Lyons.

Officers of Day—Judge Tuttle, Chas. Leiter, Mrs. Lyda Talbot.

City Council of Grass Valley and Nevada City, and Mayors Hall and Harris.

(Continued on Page Fifteen)

REMINGTON HILL HAS BEEN RICH RPODUCER

The area at Remington Hill is about two square miles and in it are deposits known variously as Democrat, Klepsteins, Excelsior Point, Renolds, Bald Eagle and Melbourne Hill. McBoyle in "Mines and Mineral Resources of Nevada County" mentions it as "among the larger producers of placer gold, in that portion of Nevada County within the Colfax quadrangle."

The largest recorded nugget weighed 382 ounces while several have been found from 100 to 150 ounces. The recorded production is established at 2,570,000. This came from the area actually known as Remington Hill, there was an additional production at some of the lesser mines.

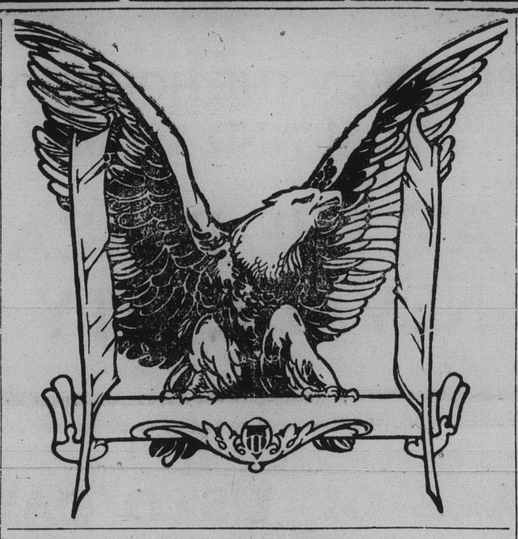
Remington Hill lies north of Lowell Hill and was discovered soon after the first rush to Dutch Flat. An operation employing 20 men is now in progress. Production has been both from hydraulic operations in the movement of about 3,000,000 cubic yards and from drifting, the area is capped with lava and most of the gold has been recovered by drifting.

ARTHUR B. FOOTE AND GEORGE STARR WRITE OF MEN AND MINES

In this souvenir Fourth of July edition of the Nevada City Nugget we have endeavored to dress up the front page in as near as possible a facsimile of the manner and style of Argonaut newspapers, which clarioned the special events of their days. The type used dates back to 1850 and 1860 and the ornate border is of about the same period. Some of the fonts for this issue were loaned the Nugget by the Mountain Messenger of Downieville.

We take especial pleasure in calling attention to pages 8 and 9 of this gala edition on which appears an historical sketch of mining development in Nevada and Sierra counties, in over forty years. This article is written by Mr. Arthur B. Foote with the collaboration of Mr. George Starr, and is sponsored by the leading mining companies of this district. Mr. Foote makes this recital of the ups and downs of the mining business over four decades a document of wide human interest by means of his personal recollections of men and methods, his keen insight regarding mining policies and economics and his wide acquaintance and friendship with the members of the engineering profession. Many of the men mentioned in this article have attained world wide recognition for their splendid achievements.

We express herewith our thanks to the authors.



Program Of Three Day Celebration

Friday, July 3rd

7 P. M. Whiskerinos entertainment on platform, Pine St., between Broad and Commercial streets. At this time the Queen will be introduced.

9 P. M. Eldorado 49er dance and entertainment at Firemen's Hall, the Queen will be crowned at 9:30 P. M.

* * *

Saturday, July 4

10 A. M. Start of Parade.

Immediately following the Parade, Lady Hill Billies orchestra and quardrille team and drum corps of Placerville will hold an exhibition drill at the corner of Broad and Pine streets.

Following the drill there will be a reception held at the P. G. & E. park for the alumni of the Nevada City high school. The Lady Hill Billies Team will entertain.

2 P. M. Sports program starts at Pioneers Park.

3 P. M. Literary Program.

Solo, Star Spangled Banner, Mrs. Lydia Talbot.

Remarks, Hon. Raglan Tuttle, chairman.

Selection by Grass Valley Men's Choir.

Address, District Attorney Henry Lyons of Placerville.

Selection by the Nevada City High School Band, America.

Immediately following the Literary Program:

Drilling Contests; Hand Drilling; Machine Drilling.

5:30 P. M. At the Plaza at the end of Broad street. Tug of War; Water Battle.

7 P. M. Whiskerettes Entertainment on the platform. Pine street between Broad and Commercial streets.

9 P. M. Aerial Display of Fire Works dropped from moving airplane.

* * *

Sunday, July 5

9 P. M. Grand Ball and Entertainment at the Eldorado.

2 P. M. Water carnival at Pioneer Park.

3 P. M. Baseball Game at Pioneer Park.

5:30 P. M. Cornish Wrestling on Platform on Pine street at Corner of Broad and Commercial.

9 P. M. Grand Ball and Entertainment at the Eldorado.

County Gold Output Is $7,500,000 Annually

Mine employment was near the peak during the past month with 2547 employed in the many properties now operating in this county. The payroll each month now totals a little better than $356,000.

Nevada county is now producing approximately $7,500,000 in gold annually. In three years employment in the mines has more than doubled. Reports from many of the operating mines, both gravel anl quartz, are published in this issue.

PHOTOS OF NUDE FAN DANCERS BANNED BY CITY OFFICIALS

"They shall not put up those indecent pictures for our boys and girls to see." With that declaration a prominent member of the Civic Club got together Mayor Ben Hall, City Clerk George Calanan, Chief of Police Robson, and Charles W. Leiter, chairman of the Fourth of July Committee, and marched them down to the corner of Pine and Commercial streets where the impresario of the fan dancing concession, was marshalling a picture array of nude feminity around the doorway of his concession.

The complaint was acted upon after the city officials had taken one good look at the offensive decorations. In fact the city officials had no other alternative because the woman who protested declared if the pictures were not taken down she would do the job herself. However, the manager of the nudity exhibition consented without argument to remove the indecent picture gallery.

The club woman has since received the commendation of all decent minded folks for her forthright action in calling together the city officials and in having the pornographic pictures removed.

SHIRT STEALER TOLD BY JUDGE TO DEPART

William Murphy, who was arrested a few days ago by Night Officer Carroll Towle of Nevada City for stealing a shirt from the Grizzle and Dolan store on Broad street, was tried Wednesday and given a sentence of six months in the county jail. Sentence was suspended on promise that Murphy leave the county never to return. The sheriff stated Murphy has a past criminal record of two counts of robbery, two counts of burglary, four petty theft, and one for vagrancy. He has served three state prison terms in Utah, Idaho and South Dakota.

ELDER ENGINEERS GAVE YOUNG MEN GOOD TRAINING

(By BYRON EASTMAN)

The historical material appearing in these pages written by Messrs Geo. W. Starr and Arthur B. Foote son of the late A. D. Foote, suggests this as an appropriae occasion to recall the fine example and splendidly helpful interest shown the young mining engineers of the time by Mr Starr and Mr. Foote when these two men were the driving power of their respective mines.

Twenty to thirty five years ago the Empire mine under Geo. W Starr and the North Star mine under A. D. Foote each functioned as a sort of post graduate school for many of the young men who have become the best engineers of today.

These young men found in the managers of the two mines and in Robert Walker, superintendent of the North Star mine, men of such fine attainment and generous, kindly personality combined with an accurate sense of justice and discipline that they became more or less standards for which to strive.

The work was not easy in those days of 400 pound drilling machines, hand mucking and tallow candles, but it was, and still is the best way to really learn the practical aspects of the business.

I think, that, without exception the young engineers who first tried their metal in these mines have a very warm gratitude and love for the kindly gentlemen, who made the opportunity possible, here in this delightful, so called "mining camp."

Our hats are off to you George Starr and to the memories of A. D Foote and Robert Walker.

(Ed., Note: This appreciation of the elder generation of mining engineers of this district with particular mention of George Starr and A. D. Foote, should be read in connection with the historical sketch written by Arthur B. Foote, with the collaboration of George Starr, entitled: Men and Mines of Nevada County and Adjacent Territory for Forty Years, which appears on pages 8 and 9 of this issue of the Nugget.)

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BUY YOUR CLOTHES AT PENNEY'S

MADGE DAVIS
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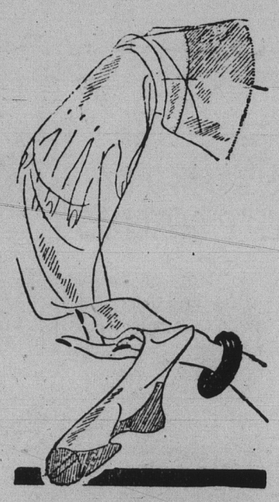
49c

The quality yarn used in these suits generally is found only in higher price ranges. Fine detail of finish throughout. Full cut for extra comfort! They'll stand lots of hard wear!



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FROCKS
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Exquisitely Sheer!
Two-Thread Silk
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Value! Men's Curacao
STRAW HATS
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Our most popular work and semi-dress hat! Many styles to choose from. Cool! Practical!

Mrs. C. E. Parsons is Hostess at Bridge Teas

Mrs. C. E. Parsons most delightfully entertained two groups of guests at bridge teas Saturday and Wednesday. Her spacious and beautiful lawn was the setting for the happy affairs.

Prizes were awarded Saturday to Mrs. Martha Hogue, first; Mrs. F. F. Cassidy, second; Those making high scores Wednesday were: Mrs. Ray Clinch, Grass Valley, first; Mrs. Don C. Billick, second; Mrs. Harold Crase, third. Mrs. M. Hoge, first in mah jongg, and Mrs. Alta Rowe, house guest, a guest prize.

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AN INVITATION-

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—OF THE—

Nevada County Narrow Gauge Railroad

TODAY

BETWEEN THE HOURS OF
1 P. M. AND 4 P. M.

AT THE PLAZA
NEVADA CITY

Nevada City Nugget

305 Broad Street. Phone 36

A Legal Newspaper, as defined by statute. Printed and Published at Nevada City.

H. M. LEETE ..... Editor and Publisher

Published Semi-Weekly, Monday and Friday at Nevada City, California, and entered as mail matter of the second class in the postoffice at Nevada City, under Act of Congress, March 3, 1879.

SUBSCRIPTION RATES
One year (In Advance) $2.50

1776—INDEPENDENCE—1936

The glorious Fourth!

Colorful parades waving flags and blaring bands; the joyous din of happy crowds and cracking, booming fireworks; romping children, and picnics and midsummer heat; and then, at night, bright sareaks of light across the sky.

How glad America is to be young and strong and free still on this, the one-hundred-and-sixtieth anniversary of our birth to freedom—how glad to have before us a promise of abundance and new glory!

But as men pause to remember the beginnings of our great nation, there is solemn understanding of the liberties we so cherish, and quiet realization that it may be America's part to save them for mankind.

More than a century and a half ago in historic Independence Hall in Philadelphia, the courageous founders first gave voice to these liberties as the creed of a whole people. Rulers of an autocratic world were aghast at their audacity, and the oppressed populations of other countries cheered their bold leadership.

MEET THE BOSS WHISERINO

This is Ted Janiss whose enthusiasm and energy, whose extraordinary crop of luxuriant whiskers has accounted for a large part of the success which the Fourth of July Committee under Charles Leiter, general chairman, has attained. Not only were the whisker growing propensities of the male map organized into a vast advertising campaign, but the fair sex were also organized under his general supervision and the immediate direction of Ruby Miller, into a great group of 1849 models of Lady's Godfrey Book styles, many which were most becoming, and enhanced the natural pulchritude of the wearers.

Mr. and Mrs. J. M. Martens of the Rio Grande oil station, have as a guest, Mr. Walter Conway of San Francisco.

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SALE OF USED CARS
OUR BUDGET SALE OF THE YEAR
SAVE UP TO $100 PER CAR
NEARLY 100 CARS TO SELECT FROM
TERMS TO SUIT YOU
LIBERAL ALLOWANCE ON YOUR PRESENT CAR
GUARANTEED VALUES IN A-1 CONDITION
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'29 Chrysler "65" sports coupe Rumble seat. A sport car $145

'34 Ford V8 De Luxe Coach. Like new Runs perfect $410

'32 De Soto De Luxe Sedan. 6 W. W. Trunk rack .Motor rebored. New finish $367

'31 Studebaker Dict. Sedan. Completely overhauled New finish $219

'33 Pontiac Spec. Sedan. Mohair upholstery Beautiful condition $385

'31 Chrysler Sport Coupe. Late series. Rumble Finest condition $293

'32 Ford V-8 Coupe. A beauty with radio. Don't miss it at only $365

Remember we have many other values just as attractive as these. Come early to get your choice or write or call for information.

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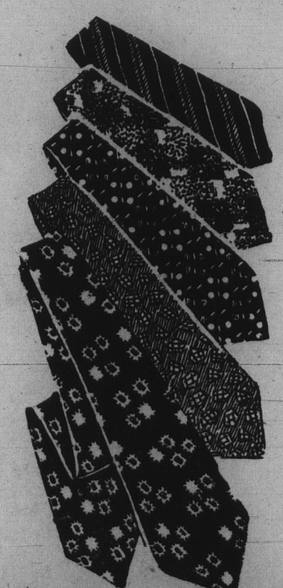

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Subscribe for The Nugget.

FLY LOO, A GAME WITH THE LIFE OF A GIRL AT STAKE

(A TRUE STORY)

(By BELLE ROLFE DOUGLASS)

Lady Luck, in gold rush days was the Goddess of California Fortunes. She settled all controversies. Any argument that couldn't draw a wager was passed up by the miners.

Lacking in gambling equipment and thirsting for entertainment, crude methods and materials were resorted to and the excitement of present times over pony and dog racing is entirely eclipsed by the game of Fly-Loo with a human stake.

In the early fifties. A log cabin in a western mining camp, crowded to suffocation. A motley crowd—men in miners garb, silk hatted gentlemen of the sporting variety, a woman or two, a girl in her teens.

Breathless they stood—stakes were high—bets numerous. Limber Louis, his lantern jaw firmly set, stolid Kentucky Dick, handsome Jack Royce, statue-like awaiting the fly.

The game, Fly-Loo had started as a tournament with ten miners in the ring. Rules. One hour each day for five days. Cards with names of contestants placed on the bar. A lump of sugar on each name. If a fly lit on a lump of sugar score one, treat all. The best score for the series to sweep the stakes and have the girl. Side bets in order and furiously waged.

The girl had come to the camp with Don Gaspar, presumably her father, who had "died with his boots on" as a sequence to his tricky gambling. The poor child was left to the mercy of a miner's camp.

Three men had tied the score. Tonight would tell the tale. Pale and anxious she watched. Despite the unusual stake the game seemed slow. Tobacco smoke ts thick as fog hung over the crowd. A fly droned his way across the room. A hush fell, humming, circling round and round. Louis almost smiled, but the least movement might change its course. Again the insect rose and was about to settle on the mound of Louis. A deep involuntary sigh from the very heart of Rose Gaspar seemed to find sympathy in the heart of the fly and off he buzzed to come again to Jack Royce. A foreboding evil shook the tiny frame of the girl as Louis glared at his displeasure, but "come on, boys, I have two anyway, let's licker up."

(Continued on Page Four)

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WANTED—School girl to assist with housework. Must be over 16 years. Address or call. Box Y, Nugget Office. tf

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SAVE ON PIPE—Valves, Fittings tested, reconditioned or new pipe at attractive prices. Write for booklet and prices. Pacific Pipe Co., 309 Main Street, San Francisco, Calif.
June 12, 19, 26. July 3, 10, 17, 24, 31.

WANTED—OAK AND PINE WOOD stumpage. Answer Box BB, Nugget Office.

FOR SALE—Distinctive Household furniture, modern and antique, reasonable. Also objects of art. The home of Lola Montez, 248 Mill street, Grass Valley. 6-1-moc

ED JAMESON, CARPENTER AND repair work; contracts taken. Inquire or write me, care National Hotel, Nevada City. 3-20-3mo

ELECTRIC REFRIGERATORS USED—We have several good buys in used Refrigerators, some are like new. Very easy terms. Phone 9 120 E. Main St. Rumsey's.

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SEE US for your new Washing Machine. Exclusive Dealer for Maytag Electric and gasoline engine washers, also Easy Washers, Ilron rite Ironers, Westinghouse Refrigerators.

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USED WASHERS—From $10 up—Maytags and other popular models. Terms are easy. Rumsey's Phone 9 120 E. Main St. Grass Valley.

FLY LOO EARLY CALIFORNIA GAME

The effects of whiskey straight exposed the qualities latent in the character of the players. Glasses clinked, stacks of "dust" gleamed on the bar, bets were made on every fly that droned his way toward settling the fate of Rose Gaspar. Jack Royce was nearest the door, his restlessness apparent, his eye often wandered toward the clock or to the girl. Louis seemed to be favored by the flies.

Ah! a buzz, Louis glared a warning to the girl. Rose stood petrified. Circling, droning his way toward Louis. Buzz! not a breath stirred. The fly seemed to realize his responsibility. Bang! Lights were shot out! Tables turned over! Gold scattered, men cursed! When order was restored Jack Royce was a mile away with Rose Gaspar on the saddle before him.

GARESIO SHAFT

The shaft is being kept un-watered at the Garesio property west of Nevada City. The collar of the shaft was timbered recently. Mr. John Bardill has a lease and option on the ground.

LOWELL HILL GRAVEL

Reopening has started in the old Steep Hollow tunnel near the old Lowery place with the idea of drifting to the Liberty Hill channel. It is a 1750 foot tunnel and 1600 feet have been opened up. Bad ground is giving some trouble at present. J. T. Anderson, superintendent, and family are living in an abandoned school house at Lowell Hill. The property was worked in early days and the higher price of gold and certainty of another portion of the old channel being unworked prompted the new company to reopen the mine.

PENNSYLVANIA MINE

Mr. E. R. Bennett of Nevada City is superintendent of the Pennsylvania mine in Browns Valley for the Newmont interests. It is reported he has 50 men employed. Ore mined at the property has been treated at the Empire-Star mine in Grass Valley for some time past, and plans of the company are for a mill in a short time. Considerable adjoining property has been optioned to the Newmont company in recent months.

NUGGET ADS PAY

ARCTIC MINE

Ed C. Jacobs has taken an option on the Arctic mine on Canyon Creek. It adjoins the Mt. View and is seven miles below Washington, with an elevation of 3,600 feet. Several men are engaged in giving the property a thorough sampling. This property is fully equipped with office, buildings, and complete power plant. The old North Star compressor purchased some time ago, will operate 16 drills. There are 16 claims and the company owns its 1,000 inch water right from Canyon Creek. The property is owned by Los Angeles interests, Mr. L. L. Utter being one of the principal owners.

RELIEF HILL GRAVEL MINE

Mr. C. E. Clark, superintendent of the Relief Hill gravel mine at North Bloomfield is making preparations to hydraulic. The property was operated two or more seasons with success and it is expected it will be in shape before long.

Mirrors Silvered — Plate and Window Glass of All Kinds

PHONE 722

GLASS

HILLS FLAT, GRASS VALLEY, CALIF.

Auto Windshield and Door Glass

WALL PAPER OF EXTRA VALUE

Special Price

WHEN TOURING—

HISTORIC TOWNS OF THE DOWNIEVILLE HIGHWAY

Don't Fail to Stop at the

Willow Springs Store

AND SERVICE STATION

AT NORTH SAN JUAN

FOR YOUR GAS, TIRES, OR YOUR ICE CREAM, SOFT DRINKS, BEER AND WINE.

If You Have Gold to Sell—We Will Buy It

ALSO VISIT OUR NEW

THE FORTY-NINER INN

Which offers refreshments with all kinds of beers, wines, liquors at your pleasure.

MRS. A. A. CUNNINGHAM — JACK BROOKS

A MODERN SERVICE STATION

WITH THE REAL 49'ER SPIRIT

RIO GRANDE CRACKED GAS

Used for Years by City of Oakland and Many Other California Municipalities

Service De Luxe by John McCari, Jr.

THE BEAUTY SPOT IN CASHIN FIELD

MARTIN'S

RIO GRANDE SERVICE

ON G. V. HI-WAY

Tick's Cafe and Liquor Store

ALL REFRIGERATED LIQUORS

Next to Black Bart's Service Station

Hills Flat

Phone 110 Nevada City. — We Call for and Deliver

Vogue Cleaners

"Things Come CLEAN From Us"

Commercial Street — Nevada City

Colfax Invites You

To An Afternoon and Evening of

SPORTS EVENTS

BASEBALL BOXING WRESTLING

FIREWORKS

SATURDAY AFTERNOON AND EVENING JULY 4TH

2 P. M. Baseball—Auburn vs. Colfax

4:45 P. M.—Boxing and Wrestling

8:30 P. M.—Fireworks. 9:30 P. M.—Dance

Visit Colfax the Afternoon and Evening of July 4th.

HEALTH AND HAPPINESS

Chinese Herbs, Nature's Remedy for All Ailments

CONSULTATION FREE

My office hours daily: 8 a. m. to 8 p. m. Sunday and Holidays 8 a. m. to 2 p. m.

K. H. LAU, CHINESE HERB CO.

121 S. Church Street — Grass Valley, Calif.

Richfield Service Station

B. P. ROBINSON, Prop.

You can't buy a better gasoline than Hi-Octane

-FREE-

WHISKERINO DANCE

JULY 4-5

:—: Continuously :—:

TRAVELERS HOTEL

GRASS VALLEY

Featuring FRANK MORGESE

Snappiest Accordionist in the State and His

"HOT CHA" BAND

ANOTHER

YORK REFRIGERATION UNIT

KEEP FOOD AND DRINK COLD

AT THE

TRAVELERS HOTEL

Installation by

W. H. HAHN

GRASS VALLEY

THE OWL TAVERN

YOU CAN'T BETTER THE BEST :-: FINEST FOODS AND COFFEE

EXCELLENT LIQUORS

OLIVER BROTHERS

134 MILL STREET — GRASS VALLEY

George Bros.

Grass Valley

Dealers For Dodge - Plymouth Cars AND Dodge Trucks

Serving This District For 37 Years

TAXES AND WARS WORLD MENACE

(By RALPH H. TAYLOR)

H. G. Wells, in his challenging play, "Things to Come", conceives of the destruction of modern day civilization by a mad succession of devastating wars—and a throw-back to primitive conditions of the dark ages!

In the final act, to be sure, a new age of science brings peace and a phenomenal happy ending—with lovers even reaching the moon, by means of Mr. Wells' ingenuity and his crowning achievement of a "space gun" which shatters distance and charts an airways through the heavens.

But wars, unfortunately, are not the only threat to modern day civilization and the human family. Fantastic though it may seem, on first consideration, the over-expansion of government—with new structures topping old structures, and with the whole colossal framework reaching the point where it may topple over of its own weight—is almost as great a threat to society as even the super wars imagined by H. G. Wells.

And neither science, nor Mr. Wells' ingenuity, can provide the solution. In the final anaylsis, American citizens and taxpayers—and to bring the problem home, California citizens and taxpayers—must provide the solution. Nor is it a job which can be handled by merely cutting here and there—no matter how drastic the cuts. Eventually, California taxpayers, and taxpayers generally, must determine the legitimate objectives and functions of government—determining, in broad fashion —What problems are government's and what problems belong to the individual.

Abraham Lincoln made such a definition for his age, declaring: "The legitimate object of government is to do for a community whatever needs to be done, but what the people cannot do at all or as well for themselves in their separate and individual capacities"

Both in thinking, and in practice, the people and their governments—national, state and local—have drifted far from the Lincoln concept of government. But, to keep true perspective, it must also be taken into consideration that the nation's manner of living has changed as radically as its government during the intervening years.

California taxpayers, if they have come to the realization that the business of government is just as vital to their personal welfare as their individual businesses and individual problems, owe it to themselves and their families, as well as their government, to review the growth of government dispassionately; to ponder its "cause and effect" to admit their individual responsib-

(Continued on Page Twelve)

16-TO-1 EXTENSION

The main shaft at the 16-to-1 Extension property at Alleghany is down over 325 feet and is going through gold bearing gravel. It will be continued 500 feet. It is expected the noted Tightner vein system will be contacted. Plans are to develop quartz veins and gravel deposits. The property is on the road between Alleghany and Forest, Mr. G. Hallock is superintendent.

KENTON MINE

Ten stamps are dropping on good ore at the Kenton mine at Alleghany, with development of strong veins in new territory reported. Good headway is being made in sinking the shaft and preparations are being made for exploration at a greater depth. Forty men are employed.

Quartz and placer claim location notice blanks at the Nugget office.

ANGELINA FREDIANI
Bon Marche'

Don't Vacation Come to HEALD'S

JACK WIGHTMAN
Dept. of Natural Resources

3 MONTHS SALARY AHEAD

By learning Sooner—and Earning Sooner . . . Get through your Secretarial or Business Course three months ahead of those students that would wait until fall to enter HEALD'S. Gain that three months Salary . . . it will pay your schooling.

URGENT — Begin NOW!

Time and tide wait for no man . . . or woman. HEALD'S prepares you for a career quicker . . . more efficiently, and you attain an earning status, while others are still in school. DON'T WAIT—ENROLL NOW . . .

—WRITE FOR INFORMATION—

HEALD'S BUSINESS AND SECRETARIAL SCHOOL

Luke W. Peart, Pres. 14th and K Streets Sacramento
Others Schools in San Jose, Oakland, San Francisco

Learn: Diesel, Electrical, Mechanical, Radio and Civil Engineering
HEALD'S ENGINEERING SCHOOL, Post and Van Ness, San Francisco

Subscribe For The Nevada City Nugget Now!

Safeway Annual Storewide

4th Of July SALE!

Priced specially for action. Stock up NOW on your summer needs!

MAXWELL HOUSE Vacuum Packed	Lb.	27c
	2 Lbs.	52c
CATSUP Del Monte	14 oz. bottle	11c
PORK AND BEANS Van Camps 27 oz. can		9c
RITZ CRACKERS	Lge. Pkg.	21c
JELL WELL		5½c
POST TOASTIES	Pkg.	7c
CREAM OF WHEAT	Lge. Pkg.	23c
CERTO Fruit Pectin	Reg. Bottle	19c

COFFEE

FRESH AIRWAY

POUND 17c

3 POUNDS 50c

Ground to Your Order

Prices effective July 2nd—9th Inclusive

A BUSINESS THAT HELPS *all* CALIFORNIA

CHAIN STORES HELP OUR FAMILY? *Goodness, Yes!*

CALIFORNIANS *all* SAY

California Chain Stores save their customers 10 cents out of every dollar they spend with them. They keep the cost of living *down*,—the quality of merchandise *up*.

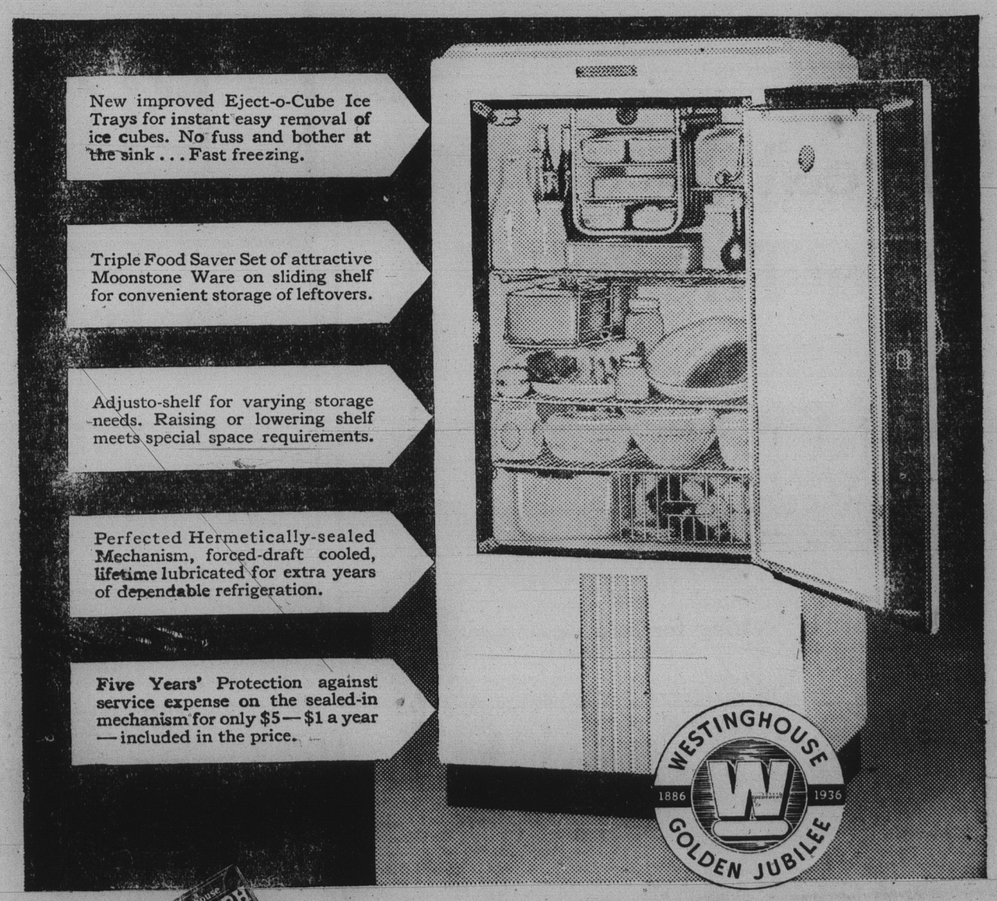
CALIFORNIA CHAIN STORES HELP CONSUMERS

Boom! Go Prices of your favorite LIBBY FOODS!

CORNED BEEF	No. 1 Tin	15c
DEVILED MEAT	No. ¼ Size 3 for	10c
LIBBYS PEACHES	No. 2½ Cans 2 for	25c
LIBBYS TOMATO JUICE	No. 2 Can	8c
LIBBYS LUNCH TONGUE	No. ½ Can	23c
LIBBYS STUFFED OLIVES	2¼ oz. bot.	10c
LIBBYS PICKLES	Sour or Dill—Quart Bottle	19c
LIBBYS PREPARED MUSTARD	9 oz. jar 2 for	15c
PEN JEL	3 oz. pkg.	10c
OVALTINE	$1.00 Size	57c
FLOUR—Globe A-1 Globe A-1	49 lb. sack	$1.85
HARVEST BLOSSOM	49 lb. sack	$1.15
EL GRANDE	49 lb. sack	$1.09
BREAD AY White or wheat sliced or unsliced	1½ lb. loaf	12c
SCOTT TISSUE	3 rolls	20c
SCOTCH SOAP Granulated. A White King Product	2½ lb. pkg.	23c
PALMOLIVE SOAP	Bar	5½c
P & G SOAP	4 giant bars	15c
LIFEBUOY SOAP	Bar	6½c
BEER BROWN DERBY—PILSNER TYPE	11 oz. bottles 4 for	25c
CASE OF 24 BOTTLES		$1.45
22 Oz. Bottles	3 for	35c
CASE OF 12 BOTTLES		$1.35
KEGLINED CANS—12 Oz. Cans	3 for	25c
CASE OF 24 CANS		$1.95

SAFEWAY Your friendly GROCER

Only Westinghouse PROVIDES 5 YEARS PROTECTION *Plus* ALL THESE EXTRA VALUES



New improved Eject-o-Cube Ice Trays for instant easy removal of ice cubes. No fuss and bother at the sink . . . Fast freezing.

Triple Food Saver Set of attractive Moonstone Ware on sliding shelf for convenient storage of leftovers.

Adjusto-shelf for varying storage needs. Raising or lowering shelf meets special space requirements.

Perfected Hermetically-sealed Mechanism, forced-draft cooled, lifetime lubricated for extra years of dependable refrigeration.

Five Years' Protection against service expense on the sealed-in mechanism for only $5—$1 a year—included in the price.

WESTINGHOUSE 1886 1936 GOLDEN JUBILEE

MAKE THIS VALUE TEST

Check refrigerator values point by point with this Free Westinghouse Valugraph Book. Add them up and see why the 1936 Westinghouse is EASIER TO OWN.

● Power sealed in! — Trouble locked out! Fifty years of electrical experience developed it. Thousands of owners acclaim it! The Westinghouse sealed-in mechanism is so completely trouble-free that it carries protection until 1941 against service expense. Add the other special values found in our Golden Jubilee models and you have an utterly new standard of refrigerator value.

PRICED AS LOW AS

"SINCE 1913"

W. M. RUMSEY

"Largest Exclusive Home Appliance Dealer in Northern California"

120 E. MAIN STREET GRASS VALLEY

Other Stores— Sacramento, Placerville, Auburn, Folsom, Roseville.

TUNE IN ON KFBK. "GUILTY OR NOT GUILTY", EVERY FRIDAY 7:00 TO 7:15 P. M.

W. M. RUMSEY OFFERS A REWARD IF YOU VOTE CORRECTLY.

HOLDS VICTORIA CROSS FOR BOER WAR EXPLOITS

By rendering service in relief at Kimberly in Orange Free State in Transvaal, Harry A. Kemp owner and operator of the Palace Pub in Hills Flat earned the coveted Victoria Cross with five bars for distinguished service to her majesty, the late Queen Victoria.

Mr. Kemp was a member of the Lord Salisbury Rough Riders, a force of 525 men organized, and completely accoutred, by Lord Salisbury. These men were the pick of the finest in all the British empire and rode blooded Arabian horses. This famous troop rendered invaluable service for the British Empire in the Boer war. Kemp was at one time a member of the Scouts and in that cacapity served his country with distinction. He is now a citizen of the United States.

"Private Property—No Trespassing" signs for sale at the Nugget Office.

ENGLEBRIGHT FOR SIERRA ROAD GETS MORE CASH

The following telegram bringing good news from Washington was received yesterday afternoon from Congressman Englebright:

Harley M. Leete,
Editor Nevada City Nugget:

Glad to tell you that I have secured an appropriation of $70,000 for further construction work on the Sierraville-Hobart highway.

HARRY L. ENGLEBRIGHT.
Member of Congress.

Mrs. Roy Williams of Berkeley is spending the Fourth holidays in Nevada City visiting Mr. and Mrs. George Tremaine.

Miss Betty Lou Krough, daughter of Mr. and Mrs. Brian Krough, left today for Oakland to spend a week visiting a cousin.

COLFAX TO CELEBRATE OLD-FASHIONED FOURTH

Colfax will celebrate the 4th of July with an old fashioned observance of Independence Day, featuring a parade, races, fireworks, rock drilling contest and numerous other events.

In the afternoon a full sports program will be staged with a Placer-Nevada League baseball game between Auburn and Colfax starting at 2 p. m. and several boxing and wrestling bouts beginning at 4:45 p. m. The rock drilling contest is scheduled for 1 p. m. fireworks will take place at 8:30 ,In the evening a grand display of o'clock to be followed with a dance at 9:30 p. m.

At 3 o'clock in the afternoon a Townsend Club program will be presented under the auspices of the Colfax Townsend Club.

The afternoon program will appeal especially to all sports fans.

OLD COSTUMES

Mrs. Frank Davies and Mrs. R. Fitzsimmons of Winter street came down into town to shop yesterday in old fashioned costumes. Mrs. Fitzsimmons wore a purple silk, hoop skirt dress, trimmed in deep black lace; ;and a poke bonnet. It was a part of her husband's grand mother's trousseau and well over a hundred years old. Mr. Fitzsimmon's parents are pioneers of Auburn, the dress having come across the plains from the east. Mrs. Davies' dress was her sister's wedding dress and was about fifty years old. The first garment was full and flowing in line while the second was tight fitting, each being a fine dress in its day.

CAMPTONVILLE MAN PLEDGES ABSTINANCE

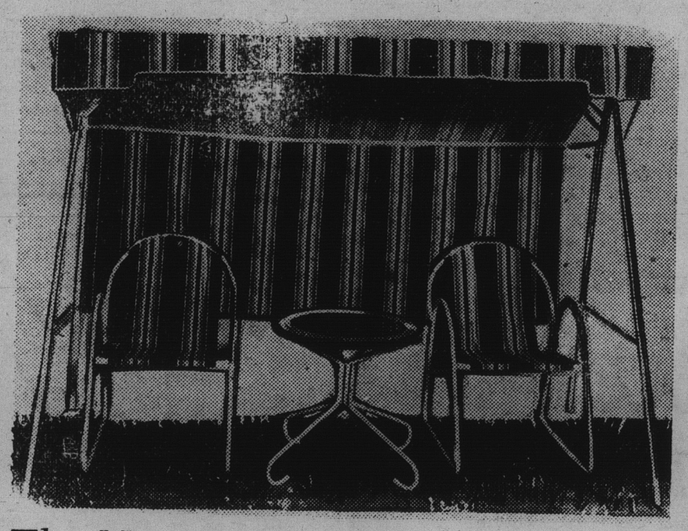
CAMPTONVILLE, July 2.—The case of the people vs Eugene Hays, charged with disturbing the peace and assault and battery, was tried in th local justice court Saturday, Judge James L Mulvaney of Marysville sitting for Judge Acton M. Cleveland, the latter disqualifying himself on account of being a neighbor and employer of the defendant.

Defendant entered a plea of guilty and was sentenced to 90 days in the county jail; sentence was suspended and defendant placed on probation that he refrain from alcoholic drinks or further trouble.

THE NEW DEAL
GRASS VALLEY
FINE BEER AND LIQUOR
"WHERE GOOD FELLOWS MEET"

PROUSE DRIVE-IN MARKET
OPEN ALL DAY 4th AND 5th
PLENTY FREE PARKING SPACE
On Highway Toward Grass Valley—Just Outside Nevada City

THE COOLEST PLACE IN TOWN WITH THE BEST SOFT DRINKS AND DELICIOUS SANDWICHES
GOLDEN POPPY
145 MILL STREET GRASS VALLEY
Beautiful Line of Wall Pictures in the Gift Shop



The Newest Thing In Fine Garden Furniture
GARDENETTE
ALL FOUR PIECES $19.95
You can make a cozy summer retreat anywhere in your garden with this comfortable convenient Gardenette. The 2 metal chairs, metal table, and adjustable canopy with back drop make up the group.
Only one of many new Pieces in Breuner's Summer Furniture Stock
BREUNER'S
SIXTH & K STS. SACRAMENTO

HARTUNG'S
Dependable Jewelers
124 Mill Street Grass Valley
OUR GOLD QUARTZ AND GOLD NUGGET JEWELRY
:—: MAKES :—:
LASTING AND APPROPRIATE SOUVENIRS
The Hartungs Are Pioneers In The Jewelry Business In Nevada County
The family arrived by pack train in 1853

Treat Yourself To The Best!
Hair Cutting And Shaving
All kinds of hair cutting for ladies our specialty
LARSEN'S SHOP
308½ Broad Street Nevada City, Calif.

56 Years Of Continuous Service
BENNETTS BOOTERY AND HABERDASHERY
SHOES AND MEN'S WEAR
140 MILL STREET GRASS VALLEY, CALIF.

GEOLOGICAL EXAMINATIONS
SAMPLING MAPPING
ASSAYING BROKERAGE
COMPLETE MINE SERVICE BUREAU
Member of California Mine Sales Service
Representing Sullivan Machinery Company
NEVADA CITY
Phone 364-W P. O. Box 743

NEW TAFFETA SLIPS
With pleated ruffle. Sizes 34 to 40. White and Tea Rose $2.00.
Crepe Slips Tailored and lace trimmed, shadow panel 34 to 44. $1.95
CORSETTES AND GIRDLES
for every figure type from $2.50 up. We invite you to call for a fitting.
Corset And Lingerie Shop
107½ Church Street Grass Valley, Calif.
OPPOSITE BRET HARTE INN

MINERS FOUNDRY & SUPPLY CO.
ESTABLISHED 1852
Founders And Machinists
Distributors For
White And Indiania
Trucks And Buses
Steel Fabricators
WELDERS
Manufacturers Of Ore Car And Skips

MINERS FOUNDRY SELLS NEW BUS TO NARROW GAUGE

The Miners Foundry and Supply Company of Nevada City made delivery of a 21-passenger blue and gray stream line bus to the Nevada County Narrow Gauge Rail Road company Wednesday. The body was specially constructed and is the latest in equipment having ample carrying space in the rear for baggage. It is mounted on a White chassis. It will be put into use after the Fourth and run between Auburn and Nevada City.

NUGGET ADS PAY

MISS KINKEAD RETURNS AS CHIEF PHONE OPERATOR

Miss Katherine Kinkead, who served faithfully and well as operator and chief operator of the local telephone exchange for many years, left the office Wednesday morning, July first, for the last time. She was in the service in San Jose several years before coming to Nevada City with her late parents to reside. Miss Kinkead entered the office as an operator in 1909, being raised to the position of chief operator in 1925. She is universally loved and esteemed and it is with pleasure that her many friends learn of the successful completion of her work that will give her a retirement salary.

Mrs. Jane Sommers, who has served in the local exchange for several years, has been chosen to take the office vacated by Miss Kinkead, her appointment becoming effective July 1, 1936. She will continue to carry on the work in the office in the same efficient manner.

Mr. Jim Sweeney, prominent mining man of Alleghany, was a business visitor in this city early in the week.

Nugget Advertising Pays.

Mr. and Mrs. George Jefferson and Mr. and Mrs. Sam Kline, of Milford, Utah, arrived in Nevada City Sunday for a short visit with Mr. Jefferson's brother, Fred Jefferson and family, and to attend the wedding of Miss Dolly Jeferson on Tuesday.

"Private Property—No Trespassing" signs for sale at the Nugget Office.

MY PLACE
IS YOUR PLACE
:-: WHEN IN NEVADA CITY :-:

BEER ◆ WINES

FANCY ◆ DRINKS

312 BROAD STREET TED JANISS, PROP.

FOR MORE THAN SIXTY YEARS

●● THIS STUDIO HAS SERVED THE PIONEERS OF NEVADA COUNTY AND THEIR DESCENDANTS, BUILDING UP A CLIENTELE ON THE SOUND FOUNDATION OF GOOD WILL, GOOD SERVICE AND GOOD VALUES.

MAURICE
PHOTOGRAPHER
GRASS VALLEY
107 MILL STREET

ALL PARTS FOR SOME CARS SOME PARTS FOR ALL CARS

LAWRENCE MOTOR SERVICE

PHONE 144

●●

AUTOMOTIVE PARTS AND SUPPLIES

Machine Work—Towing

■■

On Tahoe Ukiah Highway One- Half Mile North-East of

NEVADA CITY, CALIFORNIA

VETERANS OF FOREIGN WARS
ANNOUNCE THE OPERATION OF A COMPLETE
ELDORADO
—AT—
ARMORY HALL, NEVADA CITY
JULY 3-4 and 5
$50 IN CASH PRIZES

For 25c Admission at Door You Will Receive Script Worth 25c at any concession in the Eldorado.

Also Valuable Merchandise Prizes
CONTINUOUS DANCING DAY AND EVENING
GOOD MUSIC AND DANCING GIRLS GALORE
High-Class Entertainment
ALL KINDS OF EARLY-DAY GAMES OF CHANCE
Old-Time Bar In Connection
THE REAL HOT SPOT OF NEVADA CITY
DON'T MISS THIS CONCESSION
Come and Enjoy Yourselves in Regular Pioneer Style

Like A Lighthouse Guiding The Ship Of Business

Staunch pillars, topped by flashing fingers of light, turning this way and that—guiding the path of storm beaten ship or beckoning to fog bound plane. Without these trustworthy beacons neither could survive.

Railroads, too, are beacons, guiding the course of business, inspiring faith and confidence, bolstering the courage of men and fostering the growth of a nation's cities. Commerce looks to the railroads for strength—for railroads, with their long, steel fingers, reach out beyond the miles to feel the ebb and flow of the industrial pulse.

To a great extent a community or city is measured in prosperity and well being by the lanes of transportation by which it is served. In taking this measurement the railroad naturally occupies first place .For such is the manner in which community value has been judged since ties and steel tracks replaced the dusty transcontinental wheel trail of early day prairie schooners.

Perhaps you have taken your Nevada County Narrow Gauge Railroad with the casualness of a dawn of a new day. For a moment try to picture your communities without rail service and accomodation. What kind of service could a substitute give? What prestige would your home community have? How would it affect the valuation of your own properties and holdings? What difference might it make in your livelihood? Think of these—and you will reflect upon the Nevada County Narrow Gauge as a real friend in whom you are personally concerned!

Nevada County
Narrow Gauge
Railroad

Nevada County Trucking Company
Nevada County Narrow Gauge Railroad-Stage Lines
Nevada Pacific Trucking Agency

85 cents out of every Narrow Gauge dollar goes back to the community in wages or material purchases.

Men And Mines of Nevada County And Adjacent Territory For Forty Years

By ARTHUR B. FOOTE With George Starr Collaborating

SPONSORED BY THE LEADING MINES OF NEVADA COUNTY

(By ARTHUR B. FOOTE)

Thirty-nine years ago, I came to Grass Valley to spend the summer vacation, while attending the Massachusetts Institute of Technology. As my mining experience, beginning then, was mostly connected with the North Star Mines Company, this narrative will be largely a history of that mine and its neighbors. I am going to start back in the 80's when W. B. Bourne and James Hague first became interested in the North Star, nearly all this history being related to me by George Starr who, you all know, could write the material much better than I can. This is a newspaper article prepared in too short a time to correct errors of memory by looking up the records, so I must ask the indulgence of my readers. There will, doubtless, be many errors and omissions—credit may be given to the wrong persons —the names of some of the most deserving of mention may be left out.

Mr. Hague's connection with the North Star began in 1885, when he bought control from W. B. Bourne who had pumped out the mine in 1883 and, with John Hayes Hammond as consulting engineer, built the 30 stamp mill in 1884. At this time the 11-inch pipe leading from what is now the North Star reservoir was built to the Empire and a 24-inch line from the Empire to the North Star, the same water being used for power twice. I have a profile of the North Star Mine pipe drawn by W. F. Englebright. This pipe, in 1895, was extended by A. D. Foote to the North Star power house on Wolf Creek, and is still in use. The North Star pipe is also still in use, taking battery water to the mill at Central Shaft (also my house), and it still bursts at inconvenient times, as it has been doing for over 40 years. I have no doubt that that pipe has caused more loss of sleep and hours of work in muck and snow than any pipe in the world.

THE EMPIRE MINE

At that time, E. M. Clement was manager of the Empire for Bourne. Hague bought control of the Empire also, in 1888, putting George Starr in as manager and E. R. Abadie as manager of the North Star. Hammond and Clement went to the Bunker Hill and Sullivan. Ten more stamps were added to the North Star mill in 1886. George Starr was at the Empire as manager from 1888 until he left for South Africa with John Hayes Hammond in 1893, but he had a pretty hard time because the Empire was in a barren zone and he could not get out much money for Mr. Hague. Robert Walker succeeded him until Starr came back from South Africa in 1898. The North Star, during this period, had a lot of good ore from the 1400 level to the 2300. The production increased to a maximum of $334,000 in 1898, and decreased again until in 1899 it was $6,200. There was then no ore showing in the bottom and the mill was dropping only a few stamps on ore taken out by "tributors" (leasers).

In the latter part of 1897, Mr. Bourne bought back the Empire, and the North Star Mines Company was organized in 1899 to take over the North Star mine, the Massachusettes Hill, New York Hill, and a lot of other properties which Hague, in the course of the next few years, bought up for the company. With no ore showing in the North Star and none of the other mines on the property even open, it implied a great deal of confidence on the part of the stockholders in Mr. Hague's judgment, to put up the million dollars that it took to put this property on a paying basis.

NON-OUTCROPPING VEINS

The property finally comprised over 1400 acres of surface and mineral rights, on which over 25 veins outcropped, which had all produced rich ore at the surface. After this block of ground was thoroughly explored, it was found that only four of these veins were of commercial value below 1000 feet on the dip of the vein, two of them below 1500 feet, and none below 6000 feet. However, a number of veins were discovered that did not outcrop, and it is some of these veins that are now being worked below the 8600 level of the North Star mine.

In 1895, Mr. Hague brought A. D. Foote to Grass Valley to construct a power plant for the purpose of developing the whole property. Hague's idea was to install a hydro-electric plant, but electric power was then in its infancy and Foote, after a trip to Lake Superior and a few other places where there were electric plants, decided that it could not be relied upon underground —no one knew how it was going to work. He, therefore, decided upon compressed air, and I think, wisely.

HUGE PELTON WHEEL

When I came here in 1897, a pipe line to supply water under a head of 775 feet had been completed, to drive an air compressor for pumping out the Massachusetts Hill mine. Compressed air was used for hoisting, pumping, and drilling. The Pelton water wheel was the largest ever built at that time, was mounted directly on the crankshaft of the compressor and the whole plant built of masonry for permanence.

E. A. Rix, of San Francisco, designed the compressor, hoist, and a great deal of the compressed air machinery used later on. The air was heated before going to the hoist, for greater economy and to prevent freezing. In 1895, this hoist was converted to electric drive and used to deepen the Central Shaft. The Massachusetts Hill was pumped out, and from 1897 to 1801, the North Star was actively stoping ore from the mine and hauling it to the North Star mill. William B. Fisher was superintendent for a time, and then A. Hall. One-man machine drills were being used there for the first time in this district for stoping.

An old steam traction engine, bought from a logging company, was used for hauling ore when it would run, but it was continually breaking down and being made over, and then Pete Smith with his 6-horse team would be called upon to haul the ore.

THOSE CORNISH PUMPS

One of the things that impressed me most when I first came here was the old Cornish pumps. They were the most reliable and efficient means of keeping water down in deep mines. A Cornish pump in a vertical shaft is simple enough, but the idea of taking a wooden rod down the long and crooked shafts characteristic of this district, following the ups and downs of the veins, would seem to be practically impossible.

The huge "bobs" and driving machinery of the pump at the North Star were said to have been installed originally in one of the mines of the Comstock; to have been transferred from there to the Scotia mine, west of Grass Valley, and from there to the North Star by A. W. Stoddard. The pump rod, nearly half a mile long, was made of wood spliced together with iron plates bolted on, was supported on rollers, and followed the shaft, which varied in pitch from 10 degrees to 40 degrees. The weight of the splicing plates and bolts was about 35,000 pounds, and the weight of the wood in the rod, about 100,000. This was all balanced by the weight of the water in the "column pipe" and the huge "bob". Think of a mass of wood and iron strung out for a distance of a half mile and weighing altogether over 135,000 pounds, moving back and forth six feet at a stroke, four times a minutee, and doing that day and night for forty years!

CROOKED PUMP RODS

The pump at the Idaho-Maryland was another wonder. The rod first went down through a 75-degree shaft to the 1000 foot level, then turned at a right angle and went along the level 300 feet to the 40-degree Canyon shaft, and then down that shaft 2000 feet. This was done by a combination of wooden rods, bell crank levers, and chains. In talking about this with Bert Crase, I was told that it had been necessary for Mr. Colman to send to England for a carpenter able to build the rod around one of these angles, paying his fare both ways.

The one great fault of the Cornish pump was its inflexibility. It could not be speeded up to handle a sudden rush of water. The old Cornish pumpman said of the Narth Star pump, " 'er will do 6 (strokes per minute) but it do strain 'er." When a mine outgrew its pump, the great cost of installing a new one often caused the mine to close down.

OLD METHODS WERE SLOW

Central Shaft was started in 1896, cut the New York vein in 1897 at a depth of 600 feet, and reached the North Star vein, 1000 feet deeper, on March 27, 1901. This was 4000 feet on the dip below the outcrop of the vein—1700 feet from the bottom of the old North Star shaft. Sinking that vertical shaft was a lot bigger job in those days than it would be now. The rock was very hard, and slow drilling with the heavy piston drills, and pumping the water 1600 feet with air pumps is no easy matter. Blasting was done with fuses until one time the hoist failed to lift the blasters up after they had spit (lit) the fuses, and they had to save their own lives by cutting the fuses off.

After that, electric blasting was used, but there were no delay-action exploders, and all the holes could not be set off at once without knocking out the timbers. Firing the holes in two groups meant a long delay necessary to clear the shaft of smoke, water and muck in order to load the second group of holes.

While it took nearly five years to sink the shaft 1600 feet with the equipment then available, in 1826, with modern equipment, the shaft was deepened 2000 feet in 22 months.

SURVEYING THE NEW YORK

In the early part of 1900, a year after I had finished college I spent a year with the North Star company working as surveyor's helper and draftsman. I helped survey the New York Hill mine after it was pumped out, and everything in it was covered with a thick layer of slimy mud. The headframe bins and the first motion hoist driven by compressed air were installed at Central Shaft at that time. It was the intention to connect the bottom of the New York Hill shaft with Central Shaft, and take the ore out through that shaft, but so little ore was found that the connection was never made. What ore there was, was taken to the North Star mill and allowed to fill up. Gerald Sherman, who had been at the Empire, was then assistant superintendent under A. D. Foote.

When George Starr came back to the Empire from South Africa, where he had been getting as much in a month as he had in a year under Hague, he began building the new headframe, stamp mill, water-power hoist and compressors. Now the mill has been enlarged to 80, 1600 pound stamps, the cyanide plant has been built, the electric hoist installed and electric driven compressors added. After the big dry house was finished, they had a grand opening dance, everyone invited, everything free. W. B. Bourne built the fine stone house and has been beautifying the grounds for many years since. My mother and Mrs. Bourne had been friends before either was married, and we had many gay times at week end house parties, horseback rides, etc.

THE ALLISON RANCH

The Allison Ranch mine, owned by Flood and Mackey, was being developed at that time with a Mr. Eckart as engineer. The mine got its power from the same water that had already been used by the Empire and North Star, taking it down to the mine in a pipe after it left the North Star mill. Eckart's two sons were with him, and one of them, Nelson A., became first assistant to O'Shaughnessey in building the Hetch Hetchy dam, and is now at the head of the San Francisco water department.

The mine was developed down to the 800 foot level, a 20-stamp mill built, all the pay ore that had been found was put through the mill, and the mine was closed down. The mill was afterwards moved to the Prescott Hill shaft, Osborn Hill. The Pennsylvania Mine was in operation under Ben Opie; the W. Y. O. D. under Mark Kerr; the Union Hill mine under a man whose name I can't remember; the Brunswick under Chris Mallon; and the Empire was working the Omaha and Homeward Bound. The Idaho-Maryland was cleaning up the last of its ore under Dorsey, to close down in 1901.

IN NEVADA CITY DISTRICT

In the Nevada City district, the Champion, Home, Mountaineer and some others were in operation.

It must have been about 1898 that the Rome Power House on the South Yuba was built getting its water power from Lake Vera—the first long-distance transmission of electric power in California. It made use of the S. K. C. two-phase system, at 133 cycles and 4000 volts. Thus was started what later became the Bay Counties Power Company, and finally, the Pacific Gas and Electric. The Gold Hill was one of the first mines to use the electric power for driving compressor, hoist, and Cornish pumps. Afterwards, the North Star Company bought the Gold Hill, did quite a lot of exploration but nothing of value was found below the 300 foot level. Here was the vein in which gold was first discovered. It was very rich along the outcrop, several other rich veins outcropped close by, yet the values continued down only about 300 feet.

SHERIFF'S SALE OF GOLD HILL

Part of the Gold Hill property was a ten stamp mill on the flat between Mill street and Wolf Creek (on which there are now three new houses). In going over the abstract of title, I came across the record of a sheriff's sale of this mill on behalf of the builders in Swansea, Wales. This mill was moved up near the collar of the Gold Hill shaft and the monument commemorating the beginning of quartz mining in California is standing on the concrete blocks built for that mill.

My narrative thus far has covered a period during which hydraulicking reached its peak of prosperity, only to be completely extinguished by the Anti-Debris Act in 1882, while quartz mining, at first consisting of a number of small mines, mostly treating the ore in custom mills, was gradually changing to a smaller number of large properties, better equipped, and each one having its own mill. During this time, a surprisingly large number of distinguished men got their early experience in this district. A number went to South Africa about the time George Starr went. Among these were H. C. Perkins, William Mein, Hennen Jennings, Hamilton Smith and John Hayes Hammond. Hamilton Smith was the man who built Bowman Dam and many of the canals and flumes for the hydraulic mines, whom I think Fred Bradley, one of the greatest of them all, did his work in Idaho, and Juneau, Alaska.

IN KOREA

In the spring of 1901, I went to Korea and worked for the Oriental Consolidated Mining Company, for the first year as surveyor and the last two years as assistant superintendent at one of the three mines in operation. H. C. Perkins, who started his career in this district, was president of the company. There had been no surveyor before my arrival, and the first job they gave me was to letter a tomb stone for a man who had been killed with an axe, while asleep, by a native miner. While there, I did the necessary surveying and drafting for the construction of a 40 and 80 stamp mill and a cyanide plant for treating concentrates.

Perkins sent Archibald Nivens, of Nevada City, out to investigate the placer deposits. He found these had been completely worked out by the natives, and he remained to give advice for the development of the quartz mines. There were no maps of the mines except those prepared by Charles Derby for a report made of the property at the time it was purchased. As a result, Nivens found many places where they had missed completely some ore bodies that were being stoped on levels above. Clifford Dennis and William Organ, from Nevada City, were also out there at that time.

WAGES VERY LOW

The miners got 22 cents gold a day, the muckers and laborers, 12 cents; 12 hour shifts in both mines and mills. Thirty feet a month was an average rate for drifting. I was told that H. C. Perkins had said that the Koreans were the best miners in the world for the wages paid.

I had made plans and surveys for a storage dam and ditch to develop electric power and Perkins sent for Mr. Poage, of Graniteville, and his son to build them. Poage had been timekeeper during the construction of Bowman Dam.

In the spring of 1904 I returned to Grass Valley to take the place of Gerald Sherman as assistant superintendent of the North Star, Sherman had accepted the position of superintendent of the Copper Queen mine at Bisbee, Arizona. Dr. L. D. Ricketts told me, only a short time ago, that the offer was made on his recommendation. Later, he became chief mining engineer for the Phelps Dodge Corporation. I believe Gerald Sherman should have the credit for the idea that resulted in delay-action electric exploders, which make it possible to shoot a large number of holes at successive intervals of ground effectively. He took the idea Foote designed an apparatus makto Ronald Oliver of the California Cap Company, the brother of E. L. Oliver, and the first experimental ones were tried out in the North Star.

CASH AND COURAGE TO TRY INVENTIONS

I am going to take time out for a minute to talk about giving credit for inventions The miners of this district, both hydraulic and quartz miners, are justly famous for the invention of labor saving devices and new methods and processes The idea is usually conceived by one person, but the development of the idea and putting it to some practical use, is almost always the result of weeks and sometimes years of experimenting and building, with the boss and all the crew contributing to the final result. Right at the start, the idea has to be approved by the boss and the expenditure of perhaps thousands of dollars authorized. Credit should go to the owners and superintendents for not being afraid to try a thing for the first time, and to the mechanics and miners for cooperating to make it work.

There were many changes at the North Star. The Massachusetts Hill had been stoped out to the 1300 foot level and about $800,000 taken out, but this just about paid for the plant and expenses, and, as nothing could be found below the 1300 level the mine filled up again.

HARNESSING GRAVITY

It was at the Massachusetts Hill that the now famous "go devil" was first used by Abe Hall for lowering the broken ore down the flat stopes to the chutes on the levels. Two tracks were laid down the stope and the loaded car going down one track pulled the empty car up the other, the load was dumped automatically in the chute and the empty car was run out along the stope to be loaded. At first, a chain going over a pulley connected the two cars, and an iron bar jammed against the chain acted as a brake. Later A. D. Foote desikned an apparatus making use of a wire rope connecting the two cars, and the rope was reeved around three grooved sheaves arranged in a triangular shaped frame with the brake block pressing against the rims of all three sheaves. This "Go Devil" made it feasible to run the levels three or four hundred feet apart and still get the ore to the levels economically, and saved a vast amount of money.

ADVENT OF OLIVER FILTER

The new Central Mill with bins of masonry, mortars mounted directly on the solid concrete foundation, and a steel battery frame, was almost ready to start up. The connection had been made from the bottom of the North Star shaft to the bottom of the Central vertical shaft. A lot of good ore had been developed and the mine was making a profit. A third compressor had been added in the power house, driven by an electric motor. At the North Star mill, experiments were being carried out under E. L Oliver as metallurgist, with a process for extracting gold from a cyanide solution by depositing the gold electrolytically upon amalgamated copper plates.

This promised to be successful, and plants were built to treat the fine (slime) tailings from both the North Star and Central mills. The gold was extracted from the sand tailings by leaching. The electrolytical process proved to be too difficult to maintain in good working order, was abandoned, and the Oliver filter finally perfected.

At first Oliver tried a plain cylinder covered with filter cloth with a vacuum inside and scraper to remove the cake. Two full size filters were built that way. This did not work because the scraper did not clean out the pores in the cloth, and it soon became air tight. When he was designing the new one with the filtering surface didived in segments with air pressure admitted to the segment above the scraper to blow off the cake. I suggested the slide valve on the end of the trunnion. It was a slide valve reversed—the seat moving and the valve stationary.

At this time, the only other methods of recovering gold from slimes by the cyanide process was by either a Moore or Butters filter, which cost more to operate than could be recovered from the tailings. The mine now had a well equipped machine and blacksmith shop and all the cars, skips, cages, etc., were being made at the mine. Besides this, they were making a very efficient light weight machine drill, designed by A. D. Footte, called the "Torpedo." This would out drill any other dril of its weight on the market, and it remained in use until the air hammer drill superseded all piston drills After the North Star vein had been tapped by the Central vertical shaft, and while drifts and raises were being advanced to develop ore, there had been a long and hard fight to drain the water from the 1700 feet of vein below the North Star incline shaft.

Two big triple expansion air pumps, one of them built by Taylor's Foundry and in the mine shops were lifting the water 1400 feet to the drain tunnel. With pumps of this kind, using compressed air expansively, it is necessary to heat the air in order to prevent the moisture in it from freezing when it expands and blocking the valves, thus causing breakage, and also to increase the efficiency of the pumps. Heating the air for the pumps a long distance underground was the big problem in the days before electric drivthe pumps. The heaters at the bottom of the Central shaft were fired by oil burners. The smoke stack was the shaft itself, the fumes being boosted upwards by the exhaust from the pumps.

The accident commission would not allow that kind of thing nowadays—it is not even permissible to run a gas engine underground—but nothing ever happened during the five or six years those heaters were in use.

HYDRO ELECTRIC PLANTS

While I had been away, the Colgate and Alta hydro-electric plants had been built. The S. K. C. system had been superseded by the much more practical 3-phase 60-cycle current now in use, and most important of all, the induction motor was in commercial use. George Starr was the very active and efficient head of the Bay Counties Power Company in this district. There was a 5-plunger pump (built by Taylor's Foundry) running in the 1400 foot level of the North Star mine, driven by an induction motor, the current taken down the shaft with wires of low voltage. In the spring of 1905, a 4-stage turbine pump was installed on the 2300 level of the North Star, lifting 700 feet vertically, and two 8-stage on the 4000 station, lifting 1400 feet. The current was taken down to them in lead-covered cables at 1000 volts. The multistage turbine pump had been recently invented by a man named Sulzer, in Switzerland.

EMPIRE IN GOOD ORE

For a time, the North Star with two 40-stamp mills and cyanide plants was producing a good deal more than the Empire with only 40 stamps and a canvas plant for the tailings, but the Empire put their shaft down to the 4500, drove out north and discovered an ore shoot better than we ever had, changed the 1000-pound stamps to 1600-pounds and added 40 more. They then built a cyanide plant like ours, but much better arranged and better looking. In building the cyanide plant, however, they had the advantage of our pioneering, and no changes had to be made after it was finished.

In 1905, the North Star built a small electric railway to transport ore from Central shaft to the two mills, and concentrates to the Central cyanide. I made a locomotive, using the two direct current street railway motors that formerly drove the Gold Hill hoist(when that hoist was built there was no such thing as a variable speed alternating current motor) and the dynamo that had furnished current for the hoist was installed in the power house on Wolf Creek. That dynamo has been running continuously, day and night for 30 years.

The new general manager's house was also finished in 1905 and the old house, which had been built for Abadie exactly like Starr's house at the Empire, was turned over to the young college graduates.

DIVIDENDS AND CHRISTMAS GIFTS

After the mine began paying dividends, the custom was started of distributing Christmas presents to all the men. It had been customary to take a dollar a month out of the mens' pay, and when they were laid up from an accident, they received

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MEN AND MINES OF NEVADA COUNTY

(Continued from Page Eight)

(By ARTHUR B. FOOTE)

a dollar a day for lost time. The company then stopped taking this out of the pay. When the compensation insurance law first went into effect, it was found that the awards under that cost no more (with the two weeks' waiting time) than this dollar a day for the full time. Also a small life pension was paid to the dependents of men killed by accident, and to men considered deserving that were too old or crippled by work.

Toward the end of 1906, the mine superintendents had agreed among themselves to voluntarily grant the 8-hour day, beginning January 1, 1907. The hours were to be. Start lowering at 7 a. m., 1-2 hour for lunch, stop work at 3:30 p. m. That was two hours less work than formerly. The men went to work on that basis at the North Star, but refused to go down at the Empire, demanding that the men should be at the stations to be hoisted at 3:30 instead of stopping work at that time. In the afternoon, a committee came to the North Star with the same demand.

ALMOST A STRIKE

This meant from 15 to 30 minutes less work, and Mr. Foote refused to concede it. The men at the North Star shaft went out, but those at Central Shaft went to work. But the following morning all the men were out. The pumpmen were ordered out on the 16th, but later this was set ahead 48 hours. Mules and electric motors were brought up, but by the 20th, the matter was settled on the basis of the hours granted by the operators in the first place, with the provisio that hoisting should start as soon as a cage or truckload of men reached the station after quitting work at 3:30. Night shift the same..

I am in favor of unions and collective bargaining, but only when the bargaining is done between the parties interested. In this case, the union was a chapter of the Western Federation of Miners, with Moyer, Haywood, and Pettibone at the head, and Butte, Montana, as the mainstay of the organization. Moyer was here before the strike started, conducted the negotiations, and probably ordered the strike. It is pretty certain that the more strikes the better it was for those three.

WHEN MINES ARE FLOODED

For a mine to be flooded so that its pumps are under water is a major disaster, and may cause a shut down lasting many months. New pumps must be obtained, and, in those days you could not get a pump that would go in a 5-foot by 5-foot shaft capable of lifting a large volume of water 1500 feet on short notice. The winter of 1907 had been wet, so that there was already a large flow of water when it started to rain on March 6 and continued steadily and sometimes very hard to March 26, ending up with snow. Toward the last, the electric power kept going off and on the 22nd was off for 13 hours. The pumps at the upper end of the North Star shaft could not begin to take care of the water, and it was running down to the bottom of the mine. The air pumps at the bottom of Central Shaft were started again and what other air pumps that were available.

All drilling was stopped and men put to work building dams across the drifts to hold back the water. Steam was got up and used for hoisting water to save compressed air for the pumps. Then things began to happen. First, the water falling down the 1600 foot vertical shaft, from the baling tanks, reversed the draft so that the fumes from the heatrs filled the pump station. Then the S P. bridge went out, and we could not get fuel oil. We burned mining timbers under the boilers, but could not do that in the heaters for the pumps, so put a pipe down the shaft and turned steam into the heaters; the pipe was put in in a hurry with out expansion joints, and the heat of the steam buckled it out into the shaft so the cage would not go through. Finally, when we did get fuel oil, it was so thick and heavy that the heaters smoked so that you could not see a lighted candle two feet away. The pumpmen went around with a hose blowing air in their faces. But the water was held below the pump station, and there has never been such a flood as that since.

LAVA CAP'S BEGINNING

About this time, the Perrin mine, now a part of the Norambagua, was in operation for a short time. The Bullion was opened up by DeSabla, and an electric turbine pump was used to keep the water out. Mr. Bailey was opening up the Central Consolidated, now the Lava Cap. He had some good ore, built a mill, but could not make a satisfactory recovery and had to close down.

In 1905, the litigation between the Champion and Home was going on. The Mountaineer was still in operation with John Becker as superintendent. About 1910 he completed building a new water power hoist and headframe and sank a new shaft 400 feet. The mine was closed down for lack of money to go further, and Becker went to South Africa.

On August 4, 1908, J. D. Hague died. Mr. George B. Agnew became president of the company and William Hague, managing director. I suppose William Hague was considered too young to look after the finances of the company, but he was a first-class mining man, and after he moved out here and built a house, spending most of his time here, the affairs of the company were managed better than ever before or since. In 1913, A. D. Foote was getting on in years so that he could not get around the mine very well, so became consulting engineer, and I was manager under William Hague.

ACCOUNTING STUDIES

Hague, with Robert Bedford to help, made time studies of the various operations of drilling, mucking, lowering to the drifts, filling from chutes, etc., in order to determine their relative importance. He also developed an accounting system to determine the cost of each operation from drilling the rock until it had passed out of the mill. From then on, weekly records were kept of the number of holes, drifts, missed holes, tons broken and feet advanced, drill shifts, shovellers' shifts, sticks of powder, etc., for every stope and development fact in the mine. Among other things, this brought out the fact that in our hard rock, the efficiency of the rock drills was very important. About this time, air hammer drills, were just coming into use, no one knew why one machine drilled faster than another — whether a few hard blows were better than many light blows.

One thing led to another and William Paynter, the drill repair man, got the idea of a drill testing machine. He had the idea of what it should do, several of us helped to work it out. and the first one built was a success. It made a record on a strip of paper, like an indicator diagram, of every blow, and it told more about a machine drill in ten minutes than would a day's testing by drilling rock. We soon arrived at a standard that we knew meant a fast drilling machine, and if a new drill did not come up to that standard, there was no use in trying it out underground. I really think it was a factor in bringing drills up to their present standard of efficiency, because, after Paynter started George Brothers' Foundry to building his testing machine, the drill manufacturers bought them and tested their own drills.

GELAESIO CAETANI

During the period between 1904 and 1917, quite a number of budding mining engineers spent a few years adding to what they learned in college and went on to earn laurels in the big world. I will mention those of whom I have heard from time to time. Gelaesio Caetani was the first to leave after I arrived. He later made a name for himself designing several metallurgical plants in California and Idaho. He was an Italian prince, and went back to serve in the war as an engineer. Later he became Italian Ambassador to the United States. William Saben has been down in Arizona and is now general manager of the United Verde. Lorin Kemp is assistant manager at Chucuicamata, Chile, one of the biggest copper mines in the world. Bill Fraser, after wandering around quite a bit, is now at Long Beach.

Stanley Arnot, after being in charge of the Plymouth, has been in charge of mining and burning lime near Sonora, and the last I heard he was in Nevada. William Boericke went into lead and zinc mining. Errol MacBoyle, who among other things was in partnership with Caetani, had been in Mexico, and in the Philippines for Fred Bradley before he came back to Grass Valley. R. P. McLaughlin very soon went into the oil business in California and has been doing very important work—is right at the top. Ed Barker was all over the world until the depression brought him back. Thomas Reeves, I hear of occasionally as a consulting engineer. I never heard from Byron Eastman until he came back and can now speak for himself. Gordon Walker has been with the Oliver Filter Company, most of the time in New York.

NEW DRILLS AND DIFFICULTIES

To go back to mining, it may be of interest to note that acetylene lamps took the place of candles in 1906; in 1910, we were trying out Leyner drills and hollow steel, which meant drill sharpening machines, because we found that hand sharpening was not accurate enough for the delicate Leyner. George Starr, said he brought the one he was trying up for lunch every day. But they drilled fast when they were working well. For a while we picked out the best men and paid them $3.25 for the Leyners. When we started using drill sharpeners, we soon found that, although steel could be sharpened twice as fast as by hand, they had to sharpen twice as many. But by experimenting the troubles were overcome, and nothing but hollow steel and drill sharpeners are now used.

CROCKERS TRY PRESCOTT HILL

About 1905, J. M O'Brien opened up the Sultana-Prescott Hill-Orleans group for the Crockers of San Francisco. A fine headframe was built and the Prescott Hill shaft sunk to 1700 feet, with Charley Brockington as superintendent. The mill that was then at the Allison Ranch mine was erected near the shaft. An electric railway was built to the old Sultana Shaft and a lot of ore hauled over it to the mill. They used cars that I had designed for the North Star, made at Taylor's Foundry. The locomotive and cars are now in use at the Empire.

Bert Crase took Brockingtons place in 1912, the Prescott Hill closed down soon after, and Crase did a lot of prospecting from the Orleans shaft until 1925, when he went to the Union Hill under MacBoyle.

In 1910, the North Star Company sank the Cincinnati Hill shaft 400 feet and drove several thousand feet of drift. There was lots of water to contend with and only a small patch of ore was found. Tom Gill was foreman and drove the drift in hard rock over 300 feet in a month, which was a record for us at that time.

THE CHAMPION

In 1911, the Champion-Providence group was examined for the company by Messrs. Howe and Sizer. Their reports were not very favorable, but the Champion had been stoped down to the 2300 foot level close to the shaft, while 2000 feet north, a good ore shoot had been taken out only down to the 600 level. So the mine was bought, and it was evident that the faster ore could be developed the sooner it would be possible to begin making a profit. After a short period working with the old crew, Roy Tremoureux was given the job of superintendent, and after things were organized, drifts were being driven at the rate of 350 feet per month.

When we first took it over, it was full of water below the 1750 level, and there were five Cornish pumps in five different shafts, three on one side of Deer Creek and two on the other. There was only a foot bridge across the creek, so that anything larger than a man could carry had to be hauled about a mile to Nevada City and back on the other side, down a very steep road.

A MILLION LOST

We worked the Champion eleven years. Beverley Stapler took Tremoureux' place while he took a vacation in France as Captain in the Engineers. Tom Gill was foreman most of the time. We did over 35,000 feet of development work, rebuilt the mill and added a cyanide plant, sank the Providence shaft 1000 feet. All this, plus operating expenses and property purchase cost $2,600,000, and the production was $1,600,000.

The latter part of the time Tom Gill was at the Champion, he was also helping Dull with his mine, at Newtown, which later became the Empress.

PROFITS IN TIGHTNER SHARES

The latter part of 1911, J. M. O'Brien of San Francisco got A. D. Foote interested in the purchase of the Tightner mine, in Alleghany, from H. L. Johnson. A company was formed with 100 shares of stock, with A. D. Foote as president, and 35 stockholders, most of them Nevada county men. The list of stockholders contains quite a number of the names already mentioned in this narrative. Each share of stock was to be assessed $50.00 a month to pay the expense of developing the mine. Abe Hall was superintendent I find that I did not keep my personal accounts very carefully in those days, but I think the final result of that enterprise is about as follows: Assessments were paid for five months, making $250.00 per share as the total investment. Then the mine began making a profit and dividends were declared soon after. The 25 per cent royalty paid to Johnson took care of all payments for the mine and mill. Dividends amounting to $2,270.00 per share were declared, and then the mine was sold to a company headed by Fred Searles for $300,000, amounting to $3.000 a share more.

A new ten stamp mill, designed by Foote with solid cast iron battery posts, was erected. The mill was built by Taylor's Foundry. In 1912, 10,000 tons were crushed, of which one half averaged about $2.00 a ton. This was quartz taken out searching for the high grade. The month of February, 1913, there were 990 tons crushed that averaged $88.68 a ton, and the 15,000 tons crushed that year averaged $37.48. In three years, the mine produced about $1,000,000, and not much more than that before it was sold.

16 TO 1 BONANZA

The common boundary between the Tightner and the 16-to-1 was rather indefinite, and it was necessary to define it before the property could be sold. The line passed through a part of the vein that was considered to be barren, and therefore not very important. After an agreement made by the two companies, a raise (called the boundary raise) was put up on the line agreed upon and produced little ore of value. Later on, the 16-to1 discovered within 60 feet of that line, probably one of the richest small bodies of ore ever found. William Simkins, who was making a geological survey of the mine, was responsible for the finding of that bonanza. If that boundary line had been 120 feet further south, two million dollars would have been taken out by the Tightner instead of by the 16-to-1.

When Fred Searles had charge of the Tightner, with A. F. Duggleby as superintendent, it produced a good profit, but nothing spectacular, and it was then sold to the 16-to-1.

FOOTE ROAD

When Foote was president of the Tightener, he built the Foote road, to make it more ascessible, There have been accounts written about that, so I will not go into it any further, except to give what credit belongs to George Scarfe, Jr. He was on the job all the time supervising practically all of that job, re-located the road as far as possible to make it less expensive, and devised the means of doing the best job for the least money.

I will relate an aftermath of the Tightener episode that happened in 1931. I received a registered letter with return address of A. Man, Sacramento. When I opened the letter there were $2700.00 in bills and the following note: "The enclosed is money borrowed from the Tightener mine in the years 1914 to 1915 now intrusted to you as a stockholder at that time, to divide among you and the rest of the stockholders of those years and it is the hope that none of this will bring the misery it has brought to me. A. Mistake."

The Pennsylvania mine had not been doing so well after the litgation gave it the W. Y. O. D. and in 1911 it was sold to the Empire. George Starr soon found some ore and the mine paid its own purchase price as the payments came due. A lot of ore was developed a little later on another vein which passed in depth into the North Star ground. This will be referred to later.

MONKEY WRENCH GANG

About 1914 or 15, Charley Brockington was re-opening the Allison Ranch and the Golden Center.

In 1914, the incline shaft on the North Star vein reached the 6300 level, and the vein was cut off by another veing dipping in the opposite direction. The outlook was far from bright at that time. No one had been developed below the 5600. The hoisting engine at Central Shaft installed in 1900, was designed for 2500 feet of rope and was winding 4000. The wedging action of so many layers was continually breaking the flanges off the drums, although they had been strengthened by adding all the metal that there was room for. Extra flanges were kept always on hand, and the "monkey wrench gang" had to be ready to replace them as quickly as possible, day or night. The mine had outgrown its equipment, as mines are continually doing, and it was a question whether there was ore enough in sight to justify the building of a new plant.

But it looked as though a new vein had been struck at the east end of the 4000 level and the vein which had cut off the North Star vein on the 6300 level was beginning to look promising. Billy Hague believed that this vein (which we called the X-vein temporarily) was not the same as the Pennsylvania, and where we were working was east of the Pennsylvania extra-lateral rights. He displayed the same courage and the foresight that his father had in 1895 and advised building the new plant that we needed to do the work required to develop these new veins. The president and directors supported him, and we started making the plans for a complete new hoisting works. Also, as all the ore was coming from the Central Shaft, it was decided to move the whole works, office, mill, shops and all, over there.

WHEN MILL STOPS, LOSS BEGINS

With a big mine, the mill must be kept going at full capacity all the time to avoid a big loss. When the mill stops, production stops and expenses go on. Our expenses were over $2,000.00 a day, so we figured it at about $2.00 a minute to stop the mills. Therefore, the change had to be made without lessening the production. We were milling about 9,000 tons a month.

A hoist driven by compressed air instead of electric power was decided upon for several reasons The starting load was heavy—more than the power system could stand at that time, making a fly wheel motor-generator-set necessary. This made the air hoist much cheaper first cost. We had the necessary compressor capacity, most of it driven by either water power or electric and the water was a good deal the cheaper of the two. It made two independent sources of power—if the electric power was off, we could still run the hoist and vice versa. The cost of power for hoisting was about two cents a ton more than by electric power.

MOVING HEAVY MACHINERY

The Central 40 stamp mill with one thousand pound stamps was converted into a 60 stamp mill with 1500 pound stamps. The old wooden battery posts in the North Star mill had been replaced with cast iron posts, and these were substituted for the steel posts in Central Mill, which were too light. Nearly all of the North Star cyanide plant was moved to the Central. The rock crushers had been in the mills. We put them in the head frame and installed picking belts to sort out the coarse waste.

It cost less than thirty cents a ton to sort this out and it cost nearly $1.00 a ton to put ore thhough the mill and cyanide plant, and gave the ore reduction plant a capacity of 100 tons a day more—as much as an additional 20 stamps.

When the contract for the hoist was signed, it was stated that some pieces weighed 11 tons. We had handled pieces as heavy as that before, but when the shipping list showed that the crank shaft weighed 23 tons, I had to spend some time figuring out how we were going to get it out from the rail road. We bought one wagon second hand that would hold 12 tons, and borrowed another from the P. G. & E. The N. C. N. G. Railroad brought it from Colfax loaded on two flat cars on a special train, and one of the cars broke down. I hired three eight horse teams, which could have pulled it nicely, but Salisbury's team had a faster gait than the other two and would try to pull the whole load, and then they could not, would quit. It took two days to haul it two miles.

FUTURE BRIGHTER

This job was going on in 1915 and 1916, and during that time, the prospects for the future of the mine became much brighter. The vein which had been discovered at the east end of the 4,000 level, now called the Alioth or "A" vein, proved to have a N-S strike and a west dip. If it went all the way to the surface, it might give us a new mine as good as the North Star. The raise that had been started up on it, if continued on the average pitch of the vein, would come to the surface on the east side of the Bonivert ground, of which we owned the mineral rights, so 20 acres of surface was purchased to provide a place to come up in. But by 1921 it was found that this vein went up only to the 2900 level.

On the other hand the "X" vein, which had cut off the North Star, had, as expected, provoked a dispute with the Empire, and each side had brought suit against the other. This was not part of my job; Wm. Hague, as managing director out here, looked after practically the whole affair, with Mr. Agnew coming out from New York from time to time. Fred Searles, Mr. Simkins and Prof. Lawson were on our side, Ross Brown, Albert Burch and Ed. Uren on the other.

After a lot of digging and the making of maps, the controversy practically solved itself, with both sides willing to admit the facts, and it was settled by agreement. By the terms of the agreement, the eastern boundary of the Empire's extra-lateral rights was west of our workings anw of any indication of ore, and eastward from that line the Pennsylvania 4600 level became the dividing line, which was partly on their ground, but mostly on ours.

The outcome of this controversy depended upon determining the outcrop of the "X" vein The Pennsylvania vein joined the "X" coming in from above and the outcrop of the Pennsylvania was accepted as that of the "X" as far as it went, but the "X" vein itself could not be traced to the surface. In my opinion it is one of the veins that do not outcrop, and has not been seen above the 800 level of the Pennsylvania.

PRAISE FOR EARLY PROSPECTORS

This affords me an opportunity for paying my respects to the early prospectors of this region. In all the years that I have been here I have never seen or heard of a vein that outcropped being discovered that was not already known, or showed signs of having been investigated by one of the early prospectors. Did any of you hunters or fishermen ever go anywhere that you did not see some indication that a prospector had been there before you. There are thousands of quartz veins, but it is a safe bet that every one has been prospected, and when you see a nice looking outcrop, it is a waste of time and money to sample it, because some one has done it before. Think of all the work and hardship it took to do the job! There is a lot of talk nowaways about the government being the rightful owner of the natural resources, but does anyone believe that these early prospectors would have worked the way they did if they had not known that the gold mine would belong to them, and not to the government. when they found it?

MEN WHO MADE MINES

To get back to the narrative—Fred Nobs came to the Empire in the spring of 1915. In 1916 Errol MacBoyle organized a company and opened the Union Hill. This property was later taken over by the Whitney interests, represented by Buckeley Wells, and the Idaho Maryland was started with John Fulton as the manager in 1918.

Bulkeley Wells pumped out the mine, main shaft and connected it with the bottom of the Dorsey Winze. He had found the beginning of an ore shoot, but, about 1926, Whitney decided to stop all the projects Wells had undertaken. MacBoyle still had his interest in the mine and had been associated with Wells in its operation. He put up enough money to keep the pumps going until he could raise some more, and everyone knows what a well equipped and prosperous mine MacBoyle has finally developed.

We now come to the period of the the war. In 1915, the North Star company began giving a bonus to the miners in proportion to the number of holes drilled as an inducement to increase the tonnage produced by the men. As prices began to raise and it began to be necessary to raise wages, a bonus was given to the shovelers to increase the production as it had done in the case of the miners. The basic wages had been gradually raised to $4.00 for miners and $3.50 for muckers.

LABOR SHORTAGE IN 1918

By the beginning of 1918, the shortage of labor was acute and the only possible way of keeping the mill up to capacity with the men available was to reduce the amount of development work being done.

Other industries were also short of labor and a Federal Employment Bureau had been organized to distribute what labor was available as efficiently as possible. We applied to the Bureau for miners and muckers, giving the wages paid and also stating that these men averaged approximately fifty cents a day more on account of the bonus. A few men reported around that they were being paid fifty cents a day more than the standard wages and it was rumored that we were getting outside help with an offer of higher wages than we were paying to the local men.

I believe that two men spread the rumor with the intention of making trouble and that was the cause of the strike which took place, July, 1918. However, although the miners and muckers at that time were getting very high wages, the wages of all the other employees were less than those paid by other industries and this naturally caused discontent

MINERS FORM PROTECTIVE LEAGUE

As a result of that strike, the Mine Workers Protective League was formed so that if possible strikes would be avoided in the future by an agreement binding both parties to give at least two weeks notice in which to discuss any change desired, and establishing a "grievance committee" at each mine At the wages finally agreed upon, the North Star mine could not make a profit, but it continued to operate in the hope prices would come down and wages could therefore be reduced in the future.

By 1920 prices were still high and there was a shortage of good miners and muckers. The lack of doing sufficient development work made it difficult to keep the grade of the ore up to a point where it would pay. An attempt to get miners from outside was made, but the men sent up from Sacramento were such a poor lot that they demoralized our own men by setting a bad example, and it seemed the more men we got, the less work was done. You cannot expect a man to do a good day's work when his partner is getting by doing very little.

(Continued on Page Ten)

MEN AND MINES OF NEVADA COUNTY

(Continued from Page Nine)
(By ARTHUR B. FOOTE)

Finally it was decided to close the mill down to twenty or thirty stamps and take out selected ore that was rich enough to pay expenses at the reduced capacity. An attempt to lower wages again was made the middle of 1921 and lead to another strike lasting two weeks, and was finally settled on the basis of lowering the wages in proportion to the reduction in the cost of living since 1918.

MILLING DUMPING BANNED

Wages and prices were not the only trouble the mine had to contend with from 1917 on. In that year we were notified by the United States Army Engineers that we were no longer to be allowed to dump tailings from the mills into the creek, as the mines had been doing since 1850. The basis of this order was a Federal law against the placing of any material in a navigable stream of its tributaries or an the banks of such streams so that it might be washed into them. It was easy enough for the Empire to comply with this order because their mill was up high and they had room to build a storage dam below it.

Our mill emptied into Wolf Creek only a few feet above it and there was no place available to build a storage dam. It was at a time when you could not get machinery or even wire rope for love or money on account of the war. I finally secured a second hand Lidgerwood Cable way, which the manufacturers said was too small for the purpose, built a tower on wheels out of the structural steel of the battery frames which had been taken out of Central Mill when it had been enlarged.

The tower was not high enough, but I planned to build an embankment out of the tailings transported by it and lay a track up grade, roll the tower up this until it had transported enough tailings to build another embankment up grade in the opposite direction and thus zig zag it back and forth until it was high euough. Because it was too small for the job, it was frequently breaking down, but by replacing the cast iron gears with cast steel, we finally got it to work pretty setadily. This was only one of the extra expenses. Taxes kept going up until they amounted to as much as forty cents per ton of ore; as much as it cost to put the ore through the stamp mill.

MUCKER HOISTS

The only way of overcoming high costs is to increase the production per man. The only producers in a gold mine are the miners and shovelers—all of the rest of the men are waiting on these. The production of the shovelers was increased by using "mucker hoists," which were coming into use at this time in other parts of the country, dragging the ore down from the stopes to the cars with scrapers pulled back and forth by the hoists instead of being hand shoveled. The hoists on the market were too big and heavy for our small stopes, and they pulled such a big load that the waste could not be sorted out. I designed a small light one by putting two drums on a shaft operated by a pneumatic drill. A pneumatic drill is the name of a machine for boring holes in wood or iron and not a rock drill.

TONNAGE PER MAN INCREASED

From 1915, when wages began to go up, to 1930, the tonnage per man in stopes, was increased from 5 1-2 tons per man in 1915 about 9½ tons in 1928.

Unfortunately on account of high taxes and prices and the necessity of handling the ore through more than one shaft, this increase in tons per man employed in stoping did not keep the over all costs down much. Only about one third of the men were working in the stopes.

From 1918 on until 1930 was a difficult period for gold mines, although it was a period of prosperity for most of the other industries. Of course, it was necessary to pay the prevailing wages and, whereas other industries could sell thenr products at prices that would pay them a profit in spite of high costs on account of there being a large demand, the price of gold remained the same. The production of gold in California declined from about $24,000,000 in 1918 to a little over $8,000,000 in 1929, and I am quite sure that most of that $8,000,000 was not produced at a profit. In Nevada County, I believe the only mines that continued running were the North Star, Empire and Idaho Maryland.

SPEND OR QUIT?

In 1923 it became apparent that a very much more extensive development plan must be adopted or the mine would have to be closed down for lack of ore. In a mine, new ore must be developed as fast as ore is put through the mill, just as a merchant must replace his stock by buying more as fast as it is sold. For eight years we had been trying to pay expenses, and, when we found this impossible in any other way, development work had been been curtailed until there were only two alternatives left, either spend a large amount of money to develop more ore, or close the mine down.

The problem was discussed for about a year. Mr. Ira Joraleman was engaged to advise as to the probability of being able to develop a supply of profitable ore and after he had studied the situation, the problem resolved itself into deciding whether the million dollar reserve fund which was on hand should be divided among the stockholders, and the mine closed down, or to spend it on the rather doubtful prospect of developing enough ore to again put the mine on a paying basis. The president and directors of the company decided, as they had done on a previous occasion, to take a chance and spend the money.

COSTLY DEVELOPMENT

In the next two years the company sank two incline shafts 2,000 feet each and deepened the Central vertical shaft 2,000 feet, making the bottom level 8600 feet measured along the veins. At the same time they did 17,000 feet of other development work and mined 243,000 tons of ore which produced one and one-half million dollars. The total deficit for the two years was $708,000.00. This job taxed both the men and the equipment of the mine to the limit.

R. H. Bedford was the contractor for the two incline shafts, and Fred Johnson for the vertical shaft. The engineering staff consisted of R. W. Parsons, who had been superintendent under me for a good many years and J. R. C. Mann. Most of the surveying was done by Jack Mann, and the connection with the No. 2 shaft involved the traverse of 4,400 feet of crooked drift plus 4,300 feet of shaft, and closed within three inches.

The problem of getting the men and tools to the different working places on time was a great one The contract men sinking the shafts were on three shifts and changed at the face, while the ordinary miners were on two shifts. Some of the men had to go a distance of 8,000 feet underground and had to be hoisted or lowered through three different shafts.

Some of the best ore developed by this program was under the Omaha and Illinois claims, which were owned by the Empire. These two claims were surrounded on three sides by the North Star property so that the Empire could not reach the ore without sinking a vertical shaft 3,000 feet. The North Star owned some claims up on Osborne Hill entirely surrounded by Empire property. For a year or more, the two companies discussed: either an exchange of certain pieces of ground—one company buying out the other—or a consolidation of the two companies in one, but they never could come to an agrrement. I think if George Starr and I had been left to ourselves, we might have worked it out to the advantage of both companies, but neither of us had the necessary authority. The problem was finally solved by both companies selling out to the present Empire Star Mines Company.

This brings us up to 1929 and the beginning of the depression. Up to this time, hydraulic and placer mining had sunk to an extremely low ebb. The building of Bullards Bar Dam enabled a few hydraulic mines on the watershed of the North Yuba to operate a short time each year when there was water available, but the dam did not stimulate mining to the extent that was expected when Buckley Wells built it for the Whitney interests. I think there are two things that held back this kind of mining then and are holding them back now—first, a large part of the water supply that was formerly available for hydraulic mining is now appropriated for electric plants and irrigation, second, that the spring run-off is much less than it used to be due to the thick growth of trees and underbrush that has taken the place of the first growth forests.

CRASH OF 1929 AND ITS EFFECTS

When the crash came in "1929," prices dropped, and there was almost no market for anything except gold, a new interest was aroused in both placer and hydraulic mining. Most of the placer mining was done by snipers with a very small reward. The principle hydraulic mines that I can think of that started up were those at You Bet, the Remington Hill, the Relief Hill, the Omega, and the one at Smartsville. New interest was also shown in quartz mining and many old mines were reopened and new prospects investigated. Then when the price of gold was advanced to $35.00 per ounce, it encouraged still more capital to come into the district until now there are something over 3,000 miners at work. I think there were almost as many men at work back in 1912 or 1914 as there are now, but the payroll now is over 70 per cent greater for the same number of men. This, of course, has stimulated business in the district much more than the smaller payroll would have done and that accounts partly for the great increase in population.

I have mentioned a good many names of men who started in this district and went on to other parts. I think some mention should be made of those who stayed at home. Thomas Marshall, I believe started working at the North Star some time in the 80's as assayer and accountant and he did all the melting and shipping of the bullion at that time. He continued in that position as the company grew larger and more prosperous until 1929. Toward the latter part of this time, he had too much to do to attend to the assaying and melting, but I cannot ever remember the time when he failed to take the cleanup into town for shipment, altogether, he must have taken over thirty million dollars to town. I drove him in myself all the time that I was connected with the company. For many years, the company paid out one half million or more a year, and there was not ten cents of that amount that Mr. Marshall did not account for.

ED UREN

All the maps that I saw of the mines in the district before about 1904 were made by Charley Uren or W. F. Englebright. Mr. Uren went away to be superintendent of the Eagle-Shawmut, I think. Since then, his brother Ed Uren has been making the maps. He is sometimes away for a few weeks or months in other parts of the country making maps and models for some litigation, but if you want to find out about the inside of some old mine that is under water and has been for years, if Ed Uren is at home in his cubby hole of an office, he will dig around and produce a may of the mine, or else he will go through a pile of old books, find the survey notes, make a map and tell you what the face of a drift looked like the last time he was in it.

What Ed Uren is to the quartz mines, W. W. Waggoner is to the hydraulic mines. From his note books he can tell you anything you want to know about any hydraulic or placer mine in the district.

BETTER CLASS OF MINERS HERE

I would like to mention a lot of the old miners, mill men and mechanics who have worked faithfully and steadily in the mines for thirty years or more, but there are too many of them to be mentioned in so short an article. If I began I would not know when to stop. It is admitted by every one who is in a position to know that there is a better class of miners in this district than in any other mining camp in the world.

Before closing, I cannot refrain from pointing to a moral. In the early days, I think my readers will agree, men worked harder, worked longer hours and for less money, and many luxuries and pleasures that we now enjoy could not have been bought for money. As a result of inventive genius and the improvement of machines, the production per man increased enormously and the miners got the largest share of that extra production. It is being argued now that machines are putting people out of employment. It is certain if machinery had not been improved, the mines of this district would have been forced to close years ago. It is claimed that the rich are getting richer and the poor, poorer. Since 1884 the North Star company has produced $30,900,740. All but $6,000,000 of that was paid back to the employees and, except for what was paid for machinery, etc., in other places it was all spent in California.

CAPITAL ALWAYS NEEDED

The prospectors know when they have found a mine that they cannot develop it themselves—they have to have capital from outside. That capital must come from people who have saved up money and wish to invest it and make a profit. It seems to me that $25,000,000 paid out is worth the $6,000,000 profit that the people who supplied the cauital received

MINE EQUIPMENT SOLD

Mr. Hal Draper, local assayer and agent for the Sullivan mine equipment, has placed a seven and a half horsepower drifter at the Sneath & Clay mine south of Nevada City. On a trip to the Ruby and Kenton mines in the Alleghany district recently a Sullivan stoper was left at the Ruby where 33 men are employed in driving an 1800 foot tunnel; and a 5 horsepower Sullivan hoist was placed at the Kenton mine.

Mr. Jack McCardle, of the Sullivan company accompanied Mr. Draper on a visit to Alleghany Tuesday and they called on several operating properties. Several of the newest bits for drilling in hard rock were left at the Plumbago mine. Under Superintendent Ralph Younts a program of drifting and sinking is being carried out at the Plumbago.

Mrs. Adeline Curtis of Nevada City will have as guests July Fourth Mr. and Mrs. John Marsh of Sacramento and Mr. and Mrs. Lester Denny and child of Berkeley.

Mr. and Mrs. William F. Sharp have moved from Nimrod street to the new ranger home near Town Talk.

ZEIBRIGHT MINE

A big steel headframe is being erected at the Zeibright mine at Bear Valley east of Nevada City where a 300-ton daily capacity mill has just been completed making it one of the most up-to-date equipped properties in the state A shaft has been started, and ore tonnage increased at the mine.

Mr. Oscar Walton of Graniteville was brought down from Graniteville Monday and taken to a new sanitarium off the Banner Mt. Road which is operated by Mrs. M. French trained nurse. The young man, who was employed by a lumbering firm suffered a severe injury to his back. He is under the care of Dr. David Reeder, of Nevada City.

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Let us serve you ice cream over our brand new modern counters, lighted by a modern electric plant—delicious ice cream from the best and latest electrically equipped freezing plant.

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ICE CREAM

What shall we have for dessert? Solve this problem by serving Taylor-made Flavor-frozen ice cream. Our guests will thank you for introducing them to this excellent food made to the highest standards of richness and purity. And they will marvel when you tell them that it is made at your favorite fountain. Try it! You'll come back for more!

Blue Bird Confectionery

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TAYLOR-MADE AT THE FOUNTAIN

The Roma Grocery

Welcomes Strangers to Nevada City and Compliments the Fourth of July Committee.

Our Wines Are The BEST Specials For Holidays

ZINFANDEL
WHITE PORT (5ths)
ANGELICA **30c**
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In Bulk — Your Own Bottle

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GRASS VALLEY

NEW *Beauty Performance Features*

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ALWAYS A YEAR AHEAD

TRANSAMERICA DECLARES AN EXTRA DIVIDEND

SAN FRANCISCO, July 2. Transamerica Corporation's directors yesterday increased the regular annual didivend rate on capital stock by 10 cents a share to 40 cents a share and declared an additional special dividend of 5 cents a share for the semi-annual period ended June 30.

The annual dividend rate was raised by the board's declaration of a regular semi-annual dividend of 20 cents a share. Both this dividend and the 5 cent special dividend will be paid July 31 to stockholders of record July 15.

The previous annual dividend rate on Transamerica capital stock was 30 cents a share, established July 2, 1935. Last January directors declared a 10 cent extra dividend in addition to the regular semi-annual dividend of 15 cents.

The July dividends will total $5,795,000 and will bring total dividend disbursements of Transamerica Corporation and its predecessor to more than $131,000,000.

"Private Property—No Trespassing" signs for sale at the Nugget Office.

CAMP PAHATSI BUSY AS BEEHIVE FOR OPENING

Camp Pahatsi looked and acted like a bee hive last Saturday and Sunday with 25 workers reporting either day. All plumbing at camp was completed including two sun water heaters, a cement floor was laid in the boys latrine. and 9 pipe piles were erected in Kilborn Lake for a diving platform and the rock wall in front of the lodge was extended 50 feet. The dock in the lake should be completed with concrete piling and timber platform before camp starts Sunday, July 5. The cement floor in the latrines practically completes this building which has now been used six years.

Considerable difficulty was encountered in placing the "Dia", 13 foot pipe and driving them to a solid rock bottom and lining them up so horizontal and sway braces could be put on the piles. Good progress however was made and the pipe piles were cut off ready to pour concrete in them prior to places the lumber deck on top.

Those participating one and two days in the work party were. H. Ricksecker, Bob Robinson, F. Kingle, Bud Riley, Bob Riley, Dick Ebbett, M. H. Ellestad, M. S. Beecher, J. Ricksecker, Van Court Warren, Cam Warren, J. Kocker, M. Ellestad, L. H. Reynolds, and K. Reynolds W. Hatch and Vincent Brundage from Auburn. Mrs. H. Ricksecker and Ken Ricksecker acted as cooks.

J. Q. Crabtree, Frank Triano and J. E. Somers were from Penryn; Leland Smith from Nevada City, and H J. Nile, Charles Foster and Paul Ray were from Grass Valley.

The lobby of the National hotel is decorated in keeping with the coming 4th celebration. Their waitresses donned 49'er costumes Tuesday and are quite pleasing. The girls are Misses Marie Linden, Esther Kauppila, Mrs. Onna Snodgrass.

The clerks in the Lace House are all wearing 49'er costumes this week and are creating quite a lot of interest.

Mr. O. Berggren of Elgin, Illinois, is visiting his son, R. C. Berggren, and family in Nevada City. He spent some time in southern California visiting relatives before coming to this city.

Mr. Charles Hegarty of the Snow Point district north of Nevada City spent a few days in this city returning home Wednesday.

Foote Electrical Co.

Oldest Exclusively Electrical Firm In Nevada County Invites You To View Its New

Philco Radio Models Generel Electric And Gibson Refrigerators A. B. C General Electric Easy Washers And Ironers And Electrical Appliances Of All Kinds

WE DO CONTRACTING AND WIRING ON JOBS OF EVERY CHARACTER. NOTHING USED IN OUR INSTALLATIONS BUT ASSOCIATION QUALITY WIRING DEVICES.

Foote Electrical Co.

132 Mill Street, Grass Valley — 108 Pine Street, Nevada City

Battery Service — Texaco Gas and Oil

Plaza Super Service Station

Washing, Greasing, Polishing, Tires and Tubes

Sway Squeaks Away With Moto-sway

FRANK DAVIES & SONS PHONE 71

Nevada City, California

NEW TODAY

TOO LATE TO CLASSIFY

FOR RENT—Aattractive house with lawn, flower and vegetable garden. 2 bedrooms, kitchen, with gas water heater, bath, living room and large basement. Rent $25.00 per mo. Apply 117 Grove street or Telephone 202-J. 7-3tfc

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The Plumber on The Job

AGENT FOR COLO AUTOMATIC WATER HEATER

GRASS VALLEY West Coast Plumbing Features

Between Grass Valley and Nevada City

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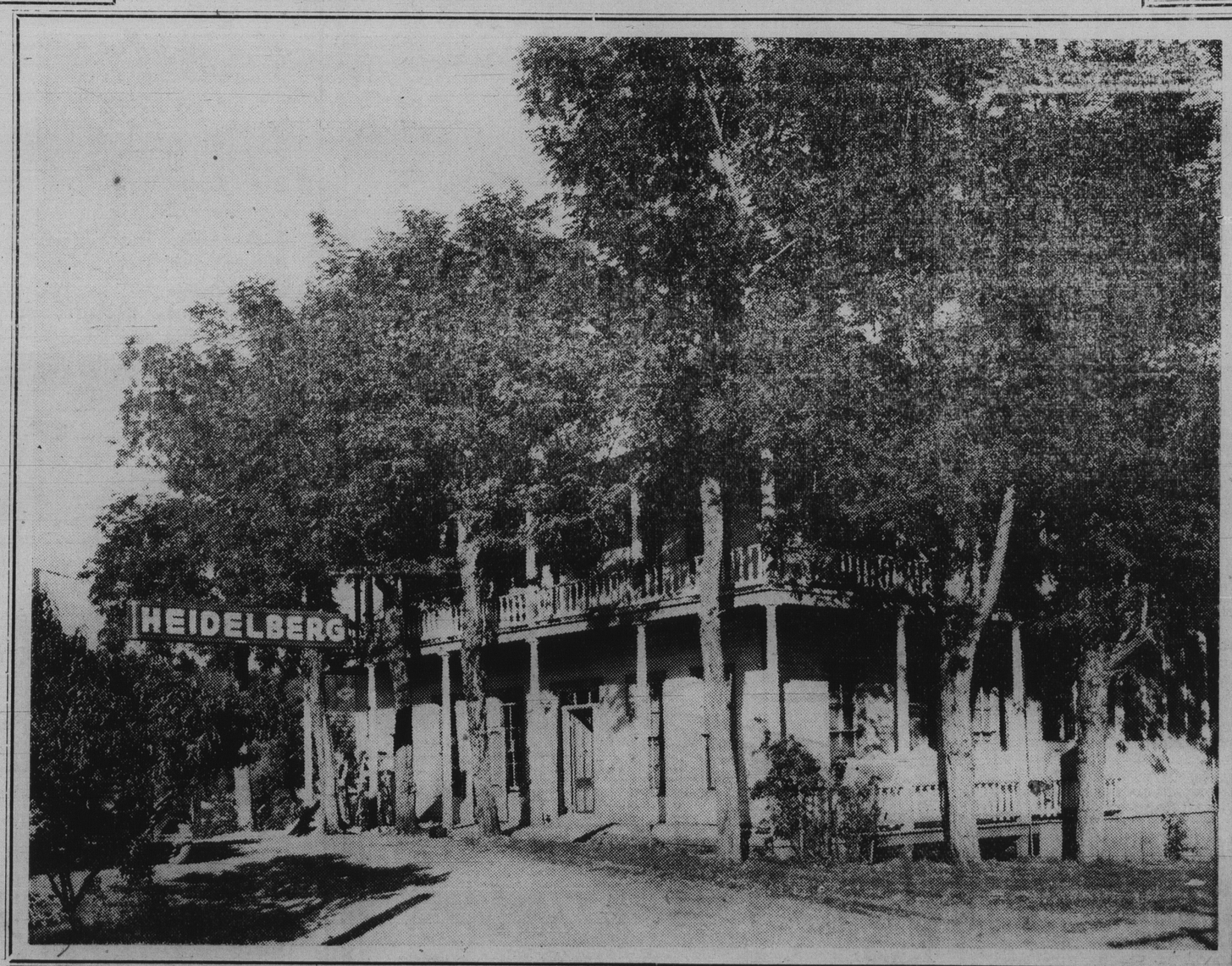

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A Continental Atmosphere In A Local Setting

GRAND FOOD Specializing- Sandwiches and Salads DANCING

Fine Liquors- All Package Beers Schlitz and Regal Amber On Tap

ORIGINAL DEFECTIVE

J. L. "Jerry"

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(INCUMBENT)

CANDIDATE FOR THE

State Senate

SEVENTH DISTRICT

Republican-Democratic Parties

PRIMARY ELECTION AUGUST 25TH, 1936

—A PROVEN FRIEND OF MINING.
—ENDORSED BY LABOR
—COMMENDED TO YOU BY FARMERS, CONSERVATIONISTS, BUSINESS MEN AND PROGRESSIVE LEADERS OF THIS DISTRICT.
—HIS RECORD MERITS YOUR SUPPORT.

Nugget Ads Get Results

TWO COURTESIES FOR CELEBRATION VISITORS, ASKED

As a courtesy to the thousands of guests of Nevada City during today, Saturday and Sunday, Emil N. J. Ott, chairman of the Fourth of July Decoration Commiteee, requests that all those people residing here refrain from parking their cars in Nevada City's streets, especially Saturday and Sunday, in order to give parking space to the visitors.

Mr. Ott also requests all merchants to keep their windows lighted through the nights of celebration. It will add much to the cheerfulness of welcome accorded visitors, and will enable them to view the treasures and heirlooms of the past which are now being exhibited in most show windows.

Mr. Marshall Draper, nephew of Mr. Hal Draper, local assayer, is superintendent of the Stockton Hill mine below Grass Valley.

Mrs. W. C. Perry is spending some time in Sacramento. Mr. Perry and daughter visited with her last Monday.

TAXES AND WARS WORLD MENACE

(Continued from Page Five)

ility, and then get down to fundamentals as to the future.

To illustrate the magnitude of present day government, as compared to the comparatively simple structure of bygone days, California's governmental expenditures for the 64 years from 1850 to 1914 (state, county and city) totaled $414,452,000!

And California's budgeted expenditures for the current two-year period (1935-37) will reach the stupendous total of $430,971,000—or some $16,000,000 more than the total for the 64 years from the state's admission to statehood to the outbreak of the World War!

It is entirely inadequate to condemn present-day government as extravagant. Undoubtedly there has been much extravagance and much duplication and waste. But extravagance accounts for only a small fraction of the increase. The major questions to be answered are:

"What services have we added to government to bring this tremendous increase in overhead?"

"What obligations has government assumed which were formerly obligations of the individual"?

Entirely apart from extravagance, which can be eliminated by public vigilance. "What are our actual governmental needs?" "Are we denying our families common necessities to buy governmental luxuries?" Or, "Is the present complex governmental structure a necessity of our complex civilization?"

In short. "Is our governmental philosophy sound, or are we reaching for the moon, without the benefit of Mr. Wells and his 'space gun'?"

Subscribe for The Nugget.

BIRTHDAY DINNER FOR PIONEER WOMAN

Mrs. Harriet Legg who was 88 years old on July first and is one of Nevada City's oldest pioneers, was the guest of honor at a birthday dinner given in her honor at the home of her son, George Legg, on Wednesday. Family members and a few old friends were guests at the luncheon, which was served on the summer porch at the Legg home on Nevada street. The guests bidden to greet Mrs. Legg were:

Mesdames Nora Austin, George H. Calanan, Helen Kornhammer, Susie E. Tully, of Sacramento, a sister of the honor guest, Jessie Shaw Hal Draper, Mr. and Mrs .George Legg, Miss Fidella Legg, and Tom Legg.

Following the luncheon hour friends called to offer their good wishes to Mrs. Legg.

GOLDEN BEAR MINE

President Thomas of the Golden Bear mine and group of associates passed through Nevada City Monday enroute to the mine which adjoins the famous Ruby mine, on the east. A drift is being run on the Cincinnati vein. Good values in gold are also found in quartz ledges. P. H. Hickey is superintendent.

NUGGET ADS PAY

Greyhound announces DRASTIC REDUCTIONS IN FARES! and a GREAT NEW SUPER-BUS

Effective July 1, 1936

GREYHOUND AGAIN PROVES ITS LEADERSHIP!

Greyhound leads again by reducing fares and providing a magnificent new *"Super-Coach"* embodying everything that any traveler could desire.

EXAMPLES

	Old Fare	New Fare
STOCKTON	$2.95	$2.85
FRESNO	5.35	4.85
LOS ANGELES	9.25	7.70
SAN DIEGO	11.25	9.55

Information from any Greyhound Agent.

PACIFIC GREYHOUND LINES

BERT'S DRY GOODS STORE

HAS GIVEN THE PEOPLE OF NEVADA COUNTY CONTINUOUS RETAIL SERVICE SINCE 1856 AT THE SAME SITE AND IN THE SAME BUILDING.

THROUGH ALL THE VICISSITUDES OF THE PAST THIS STORE HAS HAD THE CONFIDENCE OF ITS GENERATIONS OF PATRONS.

BERT'S DRY GOODS STORE

116 MILL STREET GRASS VALLEY

NEVADA CITY NUGGET PROVERB CONTEST

FUN FOR ALL AND

$10 IN CASH

TO THE CLEVER WINNERS!

CONTEST RULES

Each week for a period of six weeks The Nevada City Nugget will print one of a series of cartoons representing some well known proverb or saying.

Contestants solve the picture puzzles by writing the proverb that the cartoon suggests or illusrates in the blanks below the pictures.

The prizes, totaling $10 in cash, will be awarded those sending in complete or near complete picture sets with the best and most appropriate answers to the pictures published, and either paying their own subscription for a period of one year or securing one new one-year subscription to The Nevada City Nugget.

Cartoons should not be sent to the paper until the series is complete.

Only one answer may be given to a picture.

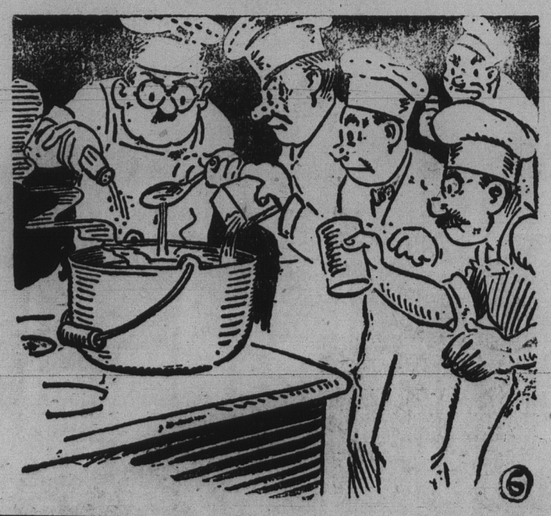
Only one member of a family will be given a prize, the award going to the person in that family submitting the best set.

The answers may be written in pen, pencil, printed or typewritten.

PRIZE LIST

First Prize ..... $5.00 in Cash
Second Prize ..... $3.00 in Cash
Third Prize ..... $2.00 in Cash

PROVERB NO. 6



The proverb answer is .....

.....

My name is .....

Address .....

(Save Until Six Cartoons Appear)

Now Ovenized SWIFT'S PREMIUM

Plaza Grocery

PRICES EFFECTIVE FROM JULY 2ND TO 10TH

HEINZ FRESH
CUCUMBER PICKLES
Quart Bottle 23c

HAMS
Swift Premium or Armour Star
Per lb. 31c

PAR-T-PAK BEVERAGES
Ginger Ale, Root Beer, Cream Soda or Orange
29 oz. bottle 10c
Plus bottle deposit

Fancy Spanish
STUFFED OLIVES
3½ oz. bottle 10c

WELCH'S
GRAPE JUICE
Pints
2 Bottles for 39c

WESTLAKE
PINEAPPLE
Sliced
Large Can 18c

OLD MONK
LARGE GREEN OLIVES
6 oz. jar 20c

BRIARDALE
MAYONNAISE
Pints 25c
Quarts 45c

BRIARDALE
RIPE OLIVES
Pint can 17c

C. H. B.
SWEET PICKLES
Pints 23c
Quarts 32c

RITZ CRACKERS
1 Lb. Pkg. 21c

BORDEN'S CHEESE
American, Pimento, Limburger or Swiss
½ lb. pkg. 17c

California Home
CATSUP
14 oz. bottle 13c

FRENCH'S
PREPARED MUSTARD
9 oz. bottle 12c

UNDERWOOD
DEVILED HAM
Medium
2 cans for 23c

WESTLAKE
SHRIMPS
5 oz. can 13c

BRIARDALE
CRAB
6½ oz. can 28c

OLD MONK
RUSSIAN DRESSING
For crab and lobster salads
12 oz. bottle 25c

BIG OAK MINE

The Big Oak mine located near the Rising Sun property near Colfax, is trucking ore to the Idaho-Maryland mill for treatment. The ore is reported to run about $35 per ton. Frank Channing is superintendent and has twelve men employed. C. O. Mittendorf is the owner.

WINDOW SHOW PIONEER RELICS

Many interesting souvenirs and relics of early days have commenced to show up in display windows of the local business houses. A splendid group of 25 or 30 pictures in the Plaza Grocery store owned by Dr. C. W. Chapman, give many views of local people, city, and mines. Noted were:' breaking ground for Nevada City Narrow Gauge Railroad in Nevada City; underground workings in the old Oustomah mine; surface plant of the Champion and Idaho-Maryland mines. The Alpha Hardware company is carrying a fine display, old monitor nozzles and any other relics of early days. The Post Office window has a fine array, and Harris Drug Store is showing many views of 1852, of the surrounding district. The Nugget office is adding to its group and has several fine dis plays today. The Bosworth Furniture Company is also featuring a number of relics.

MATTIE MINE

A number of men have been employed on the Mattie property below Grass Valley the past month, doing assessment work. It is understood reconditioning also started. Mr. M. Maguire is superintendent and Mr. Bert C. Austin of San Francisco is engineer.

Mrs. W. H. Moore, of Pittsburg, is spending several weeks in Nevada City with her parents, Mr. and Mrs. P. G. Scadden.

Mr. Jim Sweeney, prominent mining man of Alleghany, visited in Nevada City early this week.

COLLEY'S CONFECTIONARY

In the Same Location for 20 Years

CATERING TO THE PUBLIC SWEET TOOTH

NOW WE INVITE YOU

TO SEE OUR NEW, MODERN DISPENSING AND ICE CREAM MAKING UNIT

You'll Like Our Service and Our Drinks

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J. F. Colley, Prop.

SUCCESS TO YOU MR. COLLEY

WITH YOUR NEW SERVING UNIT

Installed by

W. H. HAHN

GRASS VALLEY

YORK REFRIGERATION

At The Club Restaurant

You will be served FOOD prepared by a WOMAN who is an outstanding caterer to good taste

Fair Prices Prevail

THE BAR SERVES FINEST BEER AND LIQUORS

THE CLUB POOL HALL

EAT DRINK AND LIVE

—AT—

THE PALACE PUB

HILLS FLAT

CHOICE WINES AND WHISKIES

ROOMS WITH RADIO. HOT AND COLD WATER

Home Atmosphere, Restful, Beautiful and REASONABLE PRICES

H. A. KEMP, Prop.

JULY 4TH Specials

PRICES EFFECTIVE WED., JULY 1ST THROUGH WED., JULY 8TH

Closed July 4th

CORNED BEEF — CAN 13½c

SARDINES — In Mustard or Tomato Sauce — 2 LARGE OVAL CANS 11c

SCHWARTZ GINGERALE — Usual Bottle Deposit — 6 REGULAR BOTTLES 25c

SALAD DRESSING — Fresh Delicate Flavor — PINT JAR ..... 18c; QUART JAR 29c

FRESH GRAHAM CRACKERS — 2 POUND CARTON 22c

WATERMELONS — POUND 1½c — Ripe Imperial — Delicious Flavor

GOLDEN DAWN COFFEE — For refreshing iced coffee. Vacuum Sealed — POUND JAR ..... 27c; 3 POUND JAR 75c

SAMOVAR TEA — A Delicious Blend Iced Orange Pekoe and Pekoe — ¼ Lb. Carton ..... 17c; ½ Lb. Carton ..... 33c; 1 Lb. Carton 63c

Purity STORES

WE RESERVE RIGHT TO LIMIT QUANTITIES

PURE COCOA — Rockwood's or Our Mother's — 2 POUND TIN 11c

SALAD OIL — Triple Refined. Bring Container — GALLON 83c

BANANAS — Golden Delicious — 4 POUNDS 15c

MATCHES — Birdseye — LARGE BOX ..... 3½c; 6 BOXES 20c

PINEAPPLE — Broken Matched Slices — LARGE NO. 2½ CAN 15c

ELVERTA PARK

The Place To DANCE

And Swimming in Clear Artesian Water

General Admission 25c. Children 10c
FREE PICNIC GROUNDS AND BARBECUE PIT
One Mile Past Rio Linda On Rio Linda Blvd.
Follow the Arrows

We Cater to Lodges, Societies and Fraternities. Plan your next meeting at Elverta Park.

For Reservations and Special Parties, Call Cap. 3329 Between 9-12 A. M. 6-9 P. M.

Plan Now to Spend Fourth of July at Elverta Park.

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ANOTHER

W. H. HAHN

REFRIGERATOR INSTALLATION
YORK REFRIGERATOR
FOR SMILES LUNCH

Smile with Smiles
—AT—
Smiles Lunch
HILLS FLAT
Fine Assortments — BEER, WINES, SANDWICHES
Open 'till 2 A. M.

PRICE??

Yes we are all looking for PRICE.
However we are entitled to QUALITY along with PRICE

BUILDING

Yes FOLKS that's my line, has been for many many years. May I show you the REAL LOW on PRICE and QUALITY for

That New Home

Keep your $$$$ in your bank account and be happy. Many have become wise to the fact that these advertisements mean JUST WHAT THEY SAY and I must say BUSINESS IS GOOD FOLKS, the reason?

That's Easy to Guess

Howard Ross

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Ask the OWNER of a ROSS BILT HOME

-SHAMROCK CAFE-

Famed For Good Food and Good Cooking

Special Merchants Lunch.....36c

STEAKS, CHICKEN AND FISH DINNERS — 52c

Mr. and Mrs. Charles Wyant, Props. Broad Street, Nevada City

Automobile Painting

Make That Old Car Look Like New

Best Materials Used Prices Right

— — See Me For Estimate — —

CARNES SIGNS

207 Commercial Street Nevada City

SNEATH AND CLAY

Development and exploration are being carried out on the 400 foot and 500 foot levels of the Sneath and Clay mine which was taken over this spring by Mr. C. C. Van Loben Sels. The property is south of Nevada City on Gold Flat in one of the finest mining belts in Nevada county. Mr. B. L. Eastman is superintendent.

STOCKTON HILL MINE

Development work and drifting continues at the Stockton Hill mine, 12 miles south of Grass Valley. W. P. O'Meara of Auburn who is interested in the property, has optioned considerable adjoining ground from the Maben and Church interests, which lie to the west of the Stockton Hill mine. Reports of June 9th give the mine 35 men employed.

Nevada City Feed And Fuel

E. A. DeSchene, Prop.

GRAIN, FEED, HAY, COAL AND DRY WOOD

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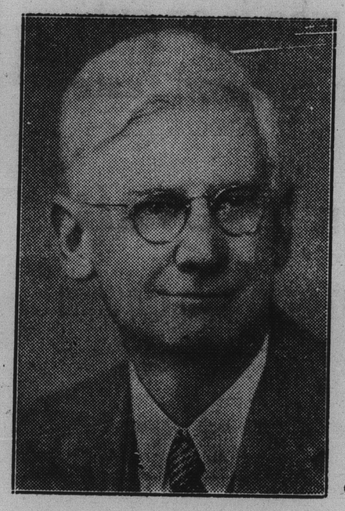
NEVADA CITY, CALIFORNIA



R. L. P. "Dick" BIGELOW

Announces His Candidacy for State Senator from The Seventh District

◆ ◆

Primary Election Tuesday, August 25, 1936.

● ●

"Along good roads, back to Good Times."

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COOLERATOR

Cold alone is not enough, moist washed air is necessary to protect delicate foods. Only ice refrigeration can give you this protection.

DISTRIBUTORS

Union Ice Delivery

Nevada City, Phone 57 Fred Sauvee, Manager

Also see Coolerator at Bosworth's Furniture Store

..Nevada City Garage..

SEE THE NEW

1936 Plymouth Cars

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CHAS. E. LEITER, DISTRIBUTOR
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Quality Printing at the Nugget Office

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HYDRAULIC PARLOR NO. 56, N. S. G. W.
Meets every Tuesday evening at Pythian Castle, 232 Broad Street. Visiting Native Sons welcome.
ALLEN JONES, President.
DR. C. W. CHAPMAN, Rec. Secy.

WOMAN'S CIVIC CLUB
Regular meetings the 2nd and fourth Mondays of the month, at the Brand Studio.
Pres., Mrs. Harley M. Leete.
Sec., Mrs. Beverly Barron.

Nevada City Lodge, No. 518, B. P. O. Elks
Meets second and fourth Friday evenings in Elks home, Pine Street. Phone 108. Visiting Elks welcome.
ROLAND WRIGHT, Exalted Ruler
PHILLIP SCADDEN, Secretary.

COME TO
THE NEW DEAL DANCE
Every Sunday Night. Good Music. Finest Beer, Wines, and Fancy Drinks and the Best of Food.
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Open to all reputable Physicians and Surgeons

NEVADA COUNTY
Banner Gold County of California
Annual production over $3,000,000
For Information Address
Chamber of Commerce
Nevada City, Calif.

FIREWORKS BAN IN U. S. FORESTS

Fireworks cannot be discharged on government land within the Tahoe National Forest according to orders received by Forest Supervisor DeWitt Nelson from Regional Forester S B. Show at San Francisco.

"It is with the utmost regret that we deny this pleasure to forest visitors who plan trips to our camp grounds over the Fourth," said Nelson, "and especially the children, but it just cannot be avoided at this season of the year. We have had several fires already which I am glad to say have been controlled without much damage to forest resources, but we cannot take the chance of having hundreds of parties discharging fireworks within the forest at this time. The damage, which might easily and probably would follow, would far outweigh the pleasure experienced by the relatively few individuals involved."

RISING SUN MINE

Thomas Coan, superintendent has unwatered the Rising Sun mine shaft to the 450 foot level. As soon as the 750 foot shaft is de-watered sinking will start in order to develop ore bodies. A 60 foot head frame containing 2,600 feet of timber, has just been completed. All buildings have been repaired and machinery overhauled. Thirty cubic yards of cement was used in to concrete the shaft. L. A. Hughes, vice president and treasurer, of New York City, is living on the property. Mr. Ed C. Uren of Nevada City is engineer.

PROFESSIONAL DIRECTORY

NEVADA CITY

ATTORNEYS

H. WARD SHELDON
ATTORNEY-AT-LAW
Commercial Street, Nevada City
Phone 599

HARRY M. McKEE
ATTORNEY AT LAW
205 Pine St., opposite courthouse
Nevada City, Calif.

W. E. WRIGHT
ATTORNEY AT LAW
Office in Union Building
Phone 28 Nevada City

F. T. Nilon J. T. Hennessy
Lynne Kelly
Nilon, Hennessy and Kelly
ATTORNEYS AT LAW
Office, 127 Mill St. Grass Valley
Morgan & Powell Bldg., Nev. City

George L. Jones Frank G. Finnegan
JONES & FINNEGAN
Office: Morgan & Powell Buildings.
Broad Street, Nevada City, Cal.
TELEPHONE 273

Grass Valley

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Pyhsician and Surgeon
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ACCOUNTANTS

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Glasses correctly fitted. Electromagnet for removing steel Hours 11 to 4
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A modern establishment—a trained, intelligent and courteous personnel — distinctive motor equipment and other evidences of progress and prosperity are NOT an indication that funeral service charges will be high. A successful concern can be built only by serving honestly and well, at prices that are fair and reasonable.

HOLMES FUNERAL HOME

"Ambulance Service With Safety and Dignity"
Phone 56W, Grass Valley. Phone 208, Nevada City.

NEVADA CITY COUNCIL MEETS

The city council last evening ordered paid the following bills:

Frank Wright, $95.00; Garfield Robson, $135.00; Geo. H. Calanan, $20.00; Mrs. Emma Foley, $12.50; Miles P. Coughlan, $12.50; H. S. Hallett, $125.00; Carroll Towle, $75.00; Dr. E. M. Roesner, $40.00; W. R. Shreck, $250.00; Max Solaro, $57.50; Pacific Gas and Electric Co. $233.58; Chamber of Commerce. $15.00; Builders Supply House, $87.-49; Crane Co., $7.95; Jas. Reed, $7.50.

Alpha Stores, Ltd., $407.41; Ed. Christenson, $4.25; Geo. W. Gildersleeve, $12.50; W. S. Williamson, $18.89; Howard Penrose, $3.26; The White Motor Co., $4.45; G. H. Cleland, $4.88; Miners Foundry and Supply Co., $124.74;; Standard Oil Co., $5.41; George Bros., $100.00; Nevada City Nugget, .50.

Chas. M. Brown, $10.00; Pac. Tel. & Tel. Co., $6.26; Reita D. Curnow, $53.39; Alfred M. Girard, $101.75; E. C. Uren, $7.50; Frank Farnsworth, $.500; Claud Maguire, $5.00; Fred Ratracher, $13.50; Sester Arlander, $13.50; Wm. Peard, $2.00; C. H. Ninnis, $96.00; Jas. Williams, $4.00; Ted Siguorney, $111.00.

Nick Sandow, $104.00; Floyd White, $38.00; Fred Eilerman, $60.-00; Chas. Thomas, $104.00; Thos. Oliver, $4.00; Ralph Alden, $47.65; W J. Watson, $83.58; Howard Miser, $11.85; Gordon Wood, $39.70.

E. C. Burney, $61.50; Herbert Mix, $11.75; Byron Brock, $59.33; Foster Buffington, $18.50; Frank Carcione, $18.00; Jacobus Deusmitt. $3.50.

FIRE FUND

Pac. Gas and Electric Co., $4.40; Max Solaro, $57.50; Pac. Tel. & Tel. Co., $3.35.

RECEIPTS

Water collections, $1970.55; Licenses, $127.00; Irrigation, $9.-00; Court fines, $162.50; Personal taxes, $700.10; Miscellaneous, $343.-91. Interest, $2.20. Total, $3375.26.

HOGE SAYS MINE OUTLOOK BRIGHT IN NEVADA CO.

(By ARTHUR W. HOGE)

The outlook for Nevada County, as I see it, is exceptionally bright, providing the proposed debris storage dams that have been approved by the Federal Government and by the Army engineers and the California Debris Commission are built as planned and approved and the same is carried out promptly, because this will mean an expenditure of approximately $7,000,000 by the Federal Government and which, when the work is started, will mean an additional expenditure of $12,-000,000 to $15,000,000 by individuals and companies, who have a large amount of hydraulic ground to work and which will be worked as soon as storage is provided to take care of debris.

The above expenditure of approximately $7,000,000 by the Federal Government will mean an expenditure by the individuals and companies, using the dams, of a total amounting to over $20,000,000, because under the rules and regulations, as prescribed, the operators will pay back to the Federal Govrnment the entire cost of the dams from their operations on a yardage basis, and this is one of the few Federal projects that will be paid for in full and, at the same time, the entire state and especially the northern part of the state will be benefited in the building of these dams through flood control and irrigation.

While these proposed storage dams will not take care of all of the hydraulic operations, they will, at the same time, provide sufficient storage space to produce new wealth in the way of new gold to the value of $35,000,000 to $50,000,000 and will, in that way, be of greater benefit to this county and the state and the nation than any similar expenditure, the government could possibly make, because, as above stated, the Federal Government will get their money back and there will be expended by the individuals and the companies operating a sum total of over $20,000,000 and which will certainly be of great material benefit to not only this county, but to all of Northern California.

While I am looking forward to increased production and new developments in quartz operations on the part of our own company and of a great many other companies, I, at the same time, feel and believe that the greatest benefit to the county, state and nation will be derived from the construction of the proposed hydraulic dams that have been approved by the Federal Government.

HERE COMES PARADE

(Continued from Page One)

"Fifty Year Couples"—W. H. Wright and wife, Thomas Penrose and wife, B F. Howe and wife, W. L. Lotz and wife, E. B. Meservey and wife, C. E. Martz and wife, and Alex Durbin and wife.

DIVISION II

Nevada City High School Band.

Indians on Horse Back, Jim Peard and Elbert Peard,

Travios, George Falmbigl.

Float, Red Men, Nevada City-Grass Valley.

Float, Pocahontas Lodge, Puritans (12) "On Wal to Church."

Float—Goddess of Liberty, Miss Claire Randall.

Float drawn by MacBoyle's registered Percheron horses, escorted by Ahdenah Camp Fire Girls and Boy Scouts.

Sciots Drum and Bugle Corps under Bradley Legg, 30 in number.

Float, George and Martha Washington, Lace House, Escorted by Veterans.

Uncle Sam—Ed Martine—U. S. Navy, Halstead Downey—U. S. Marine, Omar Tonella.

Float, Landing of Columbus—Corte Colombo Lodge.

Miss California, by Nevada City Native Daughters.

Float—Nevada County Lumber Company.

Float—Wild Life—Nevada City-Grass Valley Sportsmen Club.

DIVISION III

Covered Wagon—Six Horses—Ed Granholm.

Prospectors, panning, burros, etc.

Rocker mode of mining, float, Foster Buffington, Sam Polglase.

Hydraulic Monitor, float—Native Sons of Nevada City.

Float — Discovery First Quartz Rock—Gold Hill, Grass Valley, 1850.

Float—Single-double hand drilling—Netz Bros.

Float—Stamp Mill, Jack Hammer—Murchie Mines.

Float—Air compressor aiding machine drilling 1936 mode of mining.

Trucks—Five loaded with logs and huge trees for mining and lumbering industriy essential to mining—Robert Gates, Charles Graham, F. Estee, Fred Zanocco.

Log truck of olden days.

DIVISION IV

The Grass Valley section as now made up will comprise the following units:

Aides on horseback, Charles Dart, Louis LeDuc, John, Manuel and Frank Gallino; Grass Valley City Council and Grass Valley Chamber of Commerce officers in decorated cars; Grass Valley Concert Band; American Iegion color guard and colors; Sons of American Legion; American Legion Auxiliary and colors; Junior Auxiliary; Boy Scouts, Campfire Girls, Grass Valley lodge of Elks float; Women of Woodcraft floats; Nevada County Farm Bureau, Home Department and 4-H Club float; Grass Valley Fire Department, Mine Workers Protective League, Chinese Chamber of Commerce of Nevada county float; Rollie Barton and 10 piece orchestra on decorated truck (Whiskerino); Grass Valley Whiskerino patrol wagon; Queen Marcie Ochoa in decorated car; Whiskerino float, depicting '49 mining scene;; Whiskerino Haywire Orchestra; Whiskerette decorated car; Boston Ravine '49 six horse team and covered wagon.

Nevada City Chamber of Commerce—1936. Final Rites Old Man Depression.

DIVISION V

Entire Division from North San Juan under direction Gordon Woods.

Brewery wagon.

Hearse complete with funeral procession, six pall bearers, etc.

Hose cart, wagons, burros and prospectors.

DIVISION VI

Hill Billies, Drum and Bugle Corps, Placerville.

Float, Chamber of Commerce, Nevada City, Garden Scene.

Float, Old and New, Lace House.

Float, Queen of Whiskerettes, and escorts, Miss Moody.

Hay Ride, Tom Mulcahy.

Float, Rainier Beer, (H. Hieronimus Brewery Wagon) by Wm. Moulton.

Float, Buffalo Beer.

Float, Grace Bros. Beer, J. Cartoscelli.

Chief Whiskerino, Ted Janiss.

Abraham Lincoln, out for a ride, Harry Poole.

Just out for a spin, Sam Gould and wife.

Float, Camp Augusta, Piedmont Camp Fire Girls.

Float, Camp Celio, Oakland Camp Fire Girls.

Float, Minaluta Camp Fire Girls, Sacramento.

Float, Gold Hollow Camp.

Aides on Horseback, Granholm children, Bess Younkers, Sargent Huson, Katherine Tognarelli, three Tobiassen boys.

Prospectors of Today and Yesterday (Chinese):

Float, James Marshall and Pals.

Prospectors, Fabian Joyal, Rudolph Schleim (Forest Hill).

Good Old Days, Cart Ride, Mr. and Mrs. Shurtleff.

Coach Ride, 50 Years Ago, Mr. and Mrs. Thomas Coan.

DIVISIN VII

Snow Shoes on Horses, Steve Mattioda.

Snow Mobile, Frank Davies.

Consisting of Old-Fashioned Garb of "Yesterday."

The Fourth of July Committee invites everyone to take part in the parade by wearing an old fashioned make up of any description. The more the merrier. All styles of buggies and modes of travel whether foot or horse-back, riding or walking.

DIVISION VIII

Cartercar, 30 years old, Frank Davies.

All old makes of cars to be placed in this division.

DIVISION IX

Modern Cars of Today of Popular Make.

Purity Stores, Very Latest Trailer, Diesel Truck.

DIVISION X

Forest Service, Fire Equipment.

CCC Tahoe Camp 3711-Special Features.

Heald's Business College Float, from Sacramento.

Float, Murchie Mine Employees.

Equipment of Old Days—Nevada City Fire Department.

Mr. and Mrs. Harry E. Bolton will have as guests this week end Mr. Bolton's brother.

NEW TODAY

TOO LATE TO CLASSIFY

CABBAGE PLANTS FOR KRAUT and table, now ready $1.00 for 100; 15c doz, large lots less. Also plants of Branching Broccoli, Cauliflower, Chicken Kale. Gillet Nursery, Phone 170-W, Nevada City. 7-3-2tc

OPERATING MINES, MEN EMPLOYED AND MONTHLY PAYROLL IN NEVADA COUNTY

MINE	QUARTZ OR GRAVEL	LOCATION	NUMBER EMPLOYED	PAYROLL
N. Star Empire Pennsylvania	Quartz	Grass Valley	740	$103,600
Brunswick and Idaho-Maryland	Quartz	NE Grass Valley	600	84,000
Murchie	Quartz	E of Nevada City	300	42,000
Great Northern	Quartz	Harmony Ridge	15	2,100
Golden Center	Quartz	Grass Valley	110	15,400
Esperance	Quartz	French Corral	6	840
Spring Hill	Quartz	NE Grass Valley	24	3,360
Lava Cap	Quartz	Banner Mt.	210	29,400
Bullion	Quartz	E of Grass Valley	85	11,900
Spanish	Quartz	Washington	55	7,700
Zeibright	Quartz	E. of Nevada City	135	18,900
German Bar	Quartz	N. Bloomfield	8	1,120
Prescott Hill	Quartz	E. of Grass Valley	25	3,500
French Corral	Gravel	French Corral	4	560
Omega	Gravel	N. Washington	5	700
Sneath & Clay	Quartz	Nevada City	12	1,680
Pennsylvania	Quartz	Browns Valley	30	4,200
Deer Creek Union	Quartz	SE Nevada City	5	700
San Juan Mine	Quartz	Nor. San Juan	16	2,240
Ragon	Quartz	W. Nevada City	22	3,080
Valley Gold Mines	Quartz	E N.evada City	4	560
Mt. View	Quartz	Washington	6	840
Lucky Jane	Quartz	N. Bloomfield	8	1,120
Bunker Hill	Quartz	N. Bloomfield	3	420
Gracey	Quartz	S. Nevada City	8	1,120
Stockton Hill	Quartz	So. Grass Valley	30	4,200
Gold Star	Quartz	S. Grass Valley	4	560
Militia	Gravel	Grass Valley	4	560
Relief Hill	Gravel	North Bloomfield	4	560
Rising Sun	Quartz	Colfax	14	2,060
Butler Ranch	Quartz	S. Grass Valley	3	420
Big Oak Tree	Quartz	E. Grass Valley	12	1,880
Mistletoe	Quartz	Rough and Ready	2	280
Alaska	Quartz	Pike City	6	840
Thomas Slide	Quartz	N. Grass Valley	2	280
Lowell Hill	Gravel	E. Nevada City	15	2,100
Clerkin	Gravel	French Corral	5	700
Jim Mine	Quartz	Graniteville	6	840
		TOTAL	2547	$356,580

Nevada Theatre

FRIDAY

MURDER ON THE BRIDAL PATH

Sounds tragic, but realyy it is a rip-roaring farce with a laugh in every foot of reel. James Gleason and Helen Broderick are the comedians.

SATURDAY

SNOWED UNDER—The fun is fast but the girls are furious. The first wife, his second wife and his would-ebe wife battle over a defenseless man. It's a merry scramble.

SUNDAY AND MONDAY

SMALLTOWN GIRL—The most widely read book of the year dramatized. Robert Taylor and Jane Gaynor star in this tense story of a country girl in a big city.

THE NEVADA COUNTY LUMBER COMPANY

Take A Great Deal Of Pride In Serving This Territory In A Location In Nevada City That Has Been A Lumber Yard Since The 1850's

A Descendant Of The Original Owners - The Marsh Family Is Now Our Yard Foreman.

Such Length Of Service Means Only One Thing-
SATISFIED CUSTOMERS

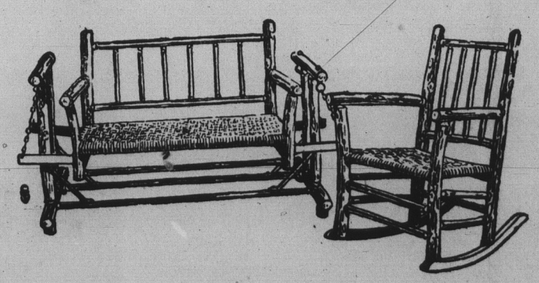
Nevada County
LUMBER COMPANY

"THE FULL SERVICE YARD"

Oscar J. Odegaard, Manager.

Phones 498-499 Nevada City.

To Make This Summer Cooler



NEWEST DESIGNS IN WICKER FURNITURE, SOME PIECES AS LOW AS $4.75

Porch and Lawn Swings from ..... $19.75 to $28.50

GRASS RUGS IN NEW PATTERNS

4x6 ..... $1.50
6x9 ..... $2.25

Special—Water Sets—Large Ice Water Pitcher and Six Glasses for only 65c

ICE CREAM FREEZERS
ELECTRIC AND HAND OPERATED

And Most Important the
1936 KELVINATOR

5-Year Protection Plan. Certificate of low cost of Operation—Compare Our Prices

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Where Home Folks Meet

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